

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060976.D
 Acq On : 15 Apr 2020 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 16 06:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	136061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	232860	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	214134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104203	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	96980	51.92	ug/l	0.00
Spiked Amount						
			Recovery	=	103.84%	
35) Dibromofluoromethane	7.56	113	72425	51.44	ug/l	0.00
Spiked Amount						
			Recovery	=	102.88%	
50) Toluene-d8	10.08	98	286062	49.74	ug/l	0.00
Spiked Amount						
			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.39	95	107506	51.00	ug/l	0.00
Spiked Amount						
			Recovery	=	102.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	53273	40.465	ug/l	99
3) Chloromethane	2.04	50	100699	40.954	ug/l	99
4) Vinyl Chloride	2.17	62	81882	42.576	ug/l	99
5) Bromomethane	2.54	94	42780	51.529	ug/l	98
6) Chloroethane	2.68	64	53212	48.032	ug/l	97
7) Trichlorofluoromethane	3.00	101	111437	47.038	ug/l	100
8) Diethyl Ether	3.38	74	47932	50.364	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	67300	49.026	ug/l	99
10) Methyl Iodide	3.93	142	47465	38.858	ug/l	99
11) Tert butyl alcohol	4.72	59	75742	275.731	ug/l	98
12) 1,1-Dichloroethene	3.72	96	67495	45.818	ug/l	98
13) Acrolein	3.57	56	86104	282.824	ug/l	99
14) Allyl chloride	4.29	41	128210	49.485	ug/l	95
15) Acrylonitrile	4.94	53	219257	271.436	ug/l	99
16) Acetone	3.78	43	174418	263.624	ug/l	100
17) Carbon Disulfide	4.03	76	177520	39.623	ug/l	99
18) Methyl Acetate	4.28	43	104869	56.312	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	252854	49.924	ug/l	99
20) Methylene Chloride	4.52	84	79428	48.802	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	73132	46.580	ug/l	96
22) Diisopropyl ether	5.91	45	294980	53.890	ug/l	96
23) Vinyl Acetate	5.86	43	1203986	269.581	ug/l	98
24) 1,1-Dichloroethane	5.81	63	153911	51.578	ug/l	99
25) 2-Butanone	6.80	43	290800	271.621	ug/l	98
26) 2,2-Dichloropropane	6.79	77	113626	48.397	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	87588	49.093	ug/l	98
28) Bromochloromethane	7.17	49	76426	53.532	ug/l	96
29) Tetrahydrofuran	7.18	42	197535	260.773	ug/l	98
30) Chloroform	7.34	83	145519	50.869	ug/l	100
31) Cyclohexane	7.63	56	133718	44.449	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	123350	50.018	ug/l	99
36) 1,1-Dichloropropene	7.77	75	109074	48.374	ug/l	99
37) Ethyl Acetate	6.89	43	124448	51.079	ug/l	99
38) Carbon Tetrachloride	7.75	117	97569	48.280	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	123114	45.946	ug/l	98
40) Benzene	8.02	78	331045	48.635	ug/l	100
41) Methacrylonitrile	7.18	41	178392	171.568	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	116305	49.998	ug/l	99
43) Isopropyl Acetate	8.14	43	209312	52.093	ug/l	99
44) Trichloroethene	8.81	130	80562	46.950	ug/l	98
45) 1,2-Dichloropropane	9.10	63	93363	51.982	ug/l	100
46) Dibromomethane	9.19	93	55173	50.812	ug/l	98
47) Bromodichloromethane	9.38	83	116146	51.475	ug/l	100
48) Methyl methacrylate	9.18	41	92624	51.776	ug/l	99
49) 1,4-Dioxane	9.18	88	24636	1158.593	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	621423	271.786	ug/l	99
52) Toluene	10.14	92	200250	48.713	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	131850	50.871	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	141168	49.648	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	80730	51.047	ug/l	99
56) Ethyl methacrylate	10.42	69	130466	52.908	ug/l	99
57) 1,3-Dichloropropane	10.70	76	139142	50.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	299578	244.438	ug/l	99
59) 2-Hexanone	10.74	43	448004	272.005	ug/l	99
60) Dibromochloromethane	10.89	129	83392	51.048	ug/l	98
61) 1,2-Dibromoethane	10.99	107	80320	50.507	ug/l	99
64) Tetrachloroethene	10.62	164	71860	42.646	ug/l	99
65) Chlorobenzene	11.42	112	205224	48.345	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	77543	50.452	ug/l	97
67) Ethyl Benzene	11.50	91	387491	49.085	ug/l	100
68) m/p-Xylenes	11.61	106	283859	96.764	ug/l	98
69) o-Xylene	11.94	106	137259	49.014	ug/l	99
70) Styrene	11.96	104	229320	50.069	ug/l	99
71) Bromoform	12.12	173	60515	47.461	ug/l #	99
73) Isopropylbenzene	12.24	105	369606	47.264	ug/l	100
74) N-amyl acetate	12.06	43	179589	49.699	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	120423	50.922	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	160154	71.227	ug/l #	100
77) Bromobenzene	12.52	156	88739	47.093	ug/l	98
78) n-propylbenzene	12.59	91	439791	47.602	ug/l	99
79) 2-Chlorotoluene	12.67	91	258622	46.850	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	312836	47.140	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	41470	47.368	ug/l	99
82) 4-Chlorotoluene	12.77	91	269709	47.972	ug/l	99
83) tert-Butylbenzene	12.99	119	264496	48.079	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	314348	47.880	ug/l	100
85) sec-Butylbenzene	13.17	105	362226	48.965	ug/l	99
86) p-Isopropyltoluene	13.28	119	319454	48.023	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	157583	47.416	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	159680	47.822	ug/l	98
89) n-Butylbenzene	13.61	91	296537	49.374	ug/l	99
90) Hexachloroethane	13.87	117	52578	54.376	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	154934	48.754	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	24620	49.703	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

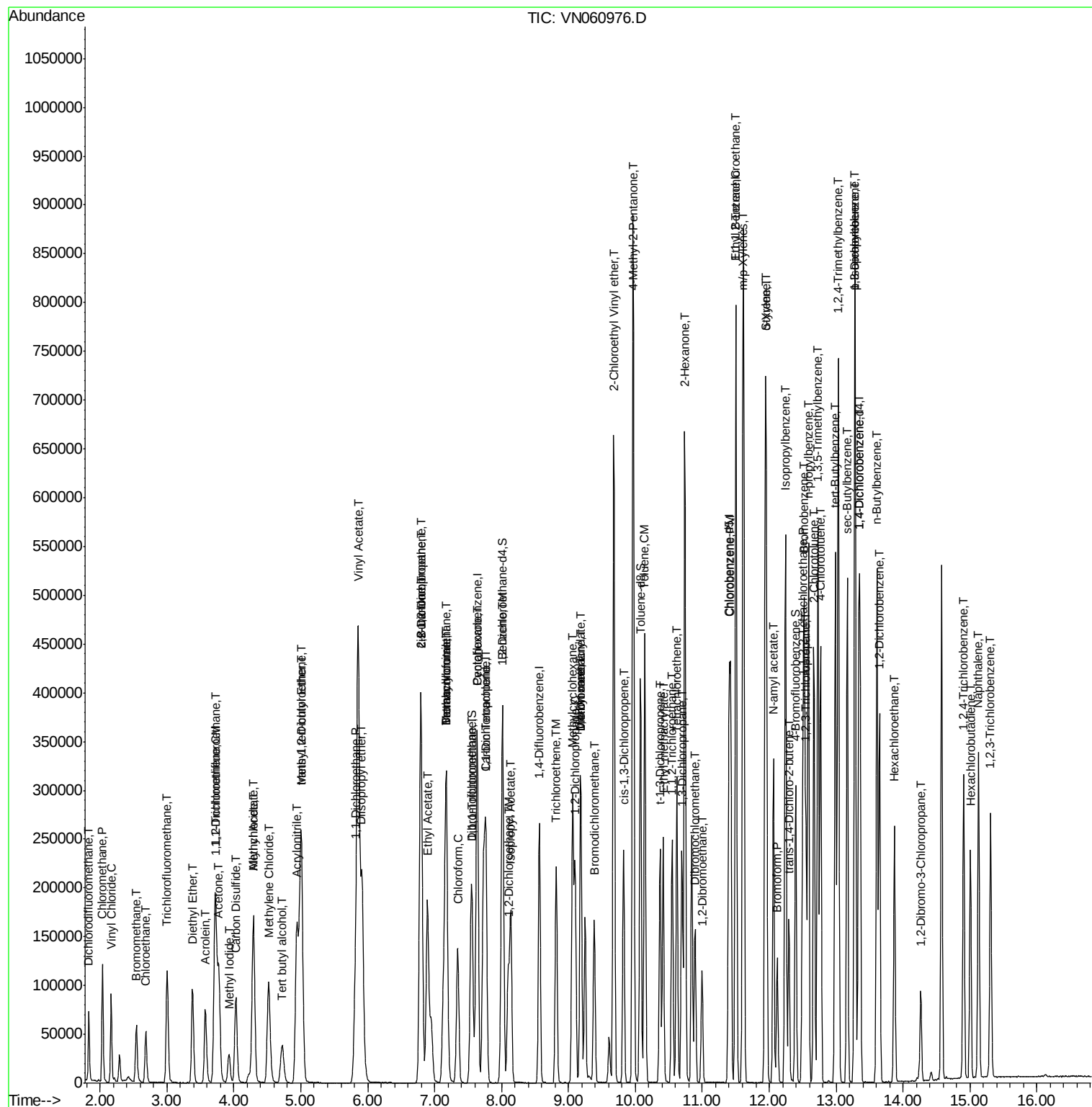
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	95926	49.155	ug/l	100
94) Hexachlorobutadiene	15.01	225	46156	48.247	ug/l	99
95) Naphthalene	15.13	128	279626	47.639	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	90966	47.324	ug/l	99

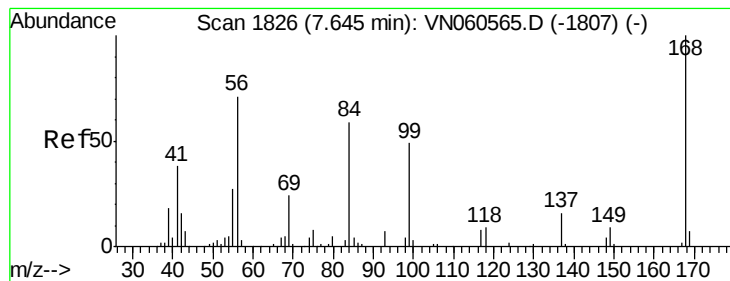
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041520\
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Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

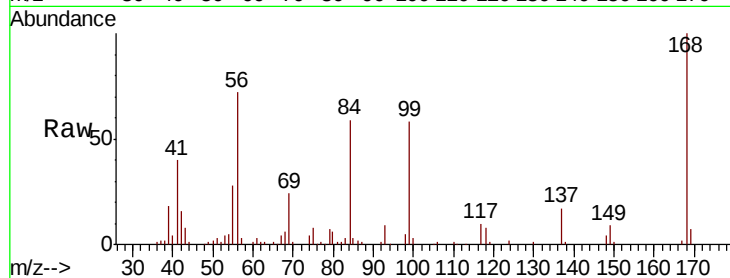
ClientSampled :

Tot Ion:168 Resp: 136061

Ion Ratio Lower Upper

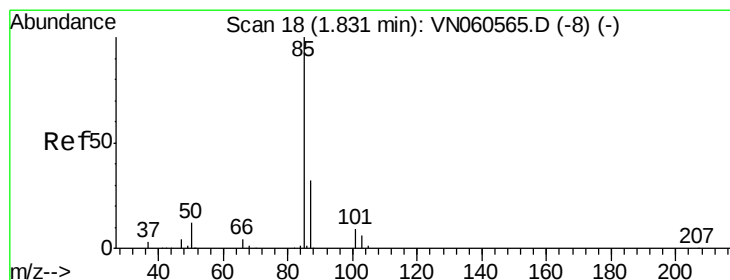
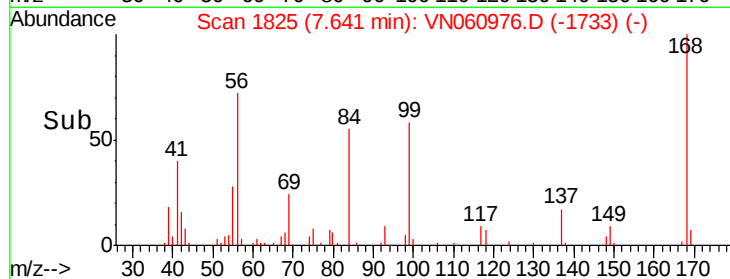
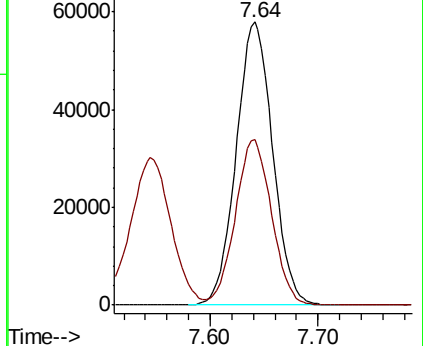
168 100

99 58.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 40.465 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060976.D

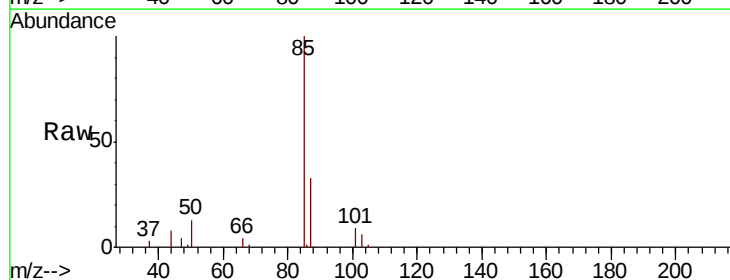
Acq: 15 Apr 2020 20:46

Tgt Ion: 85 Resp: 53273

Ion Ratio Lower Upper

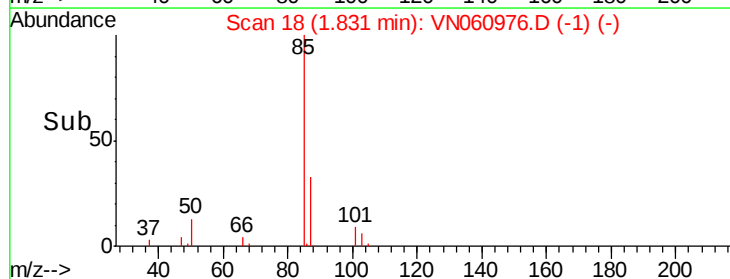
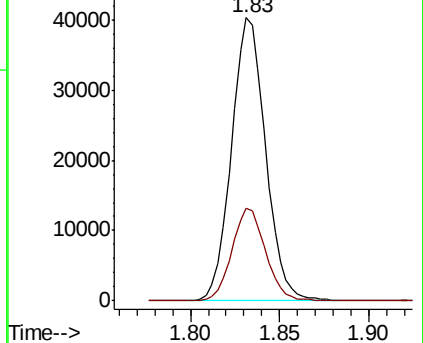
85 100

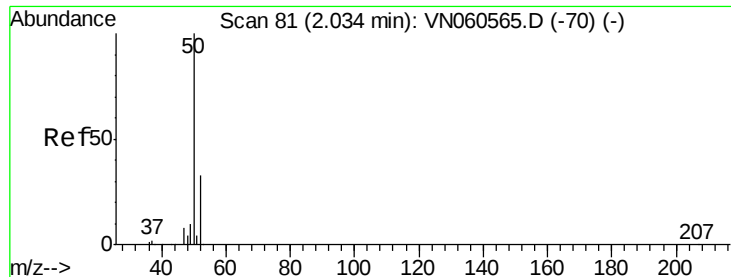
87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 40.954 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

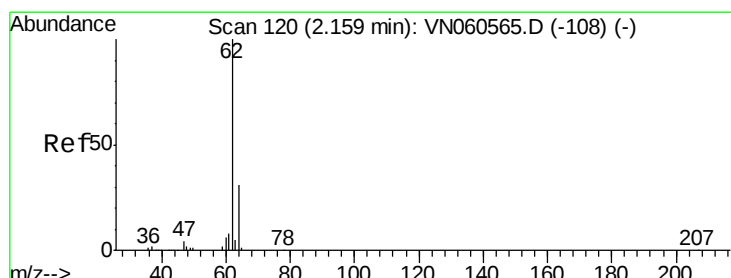
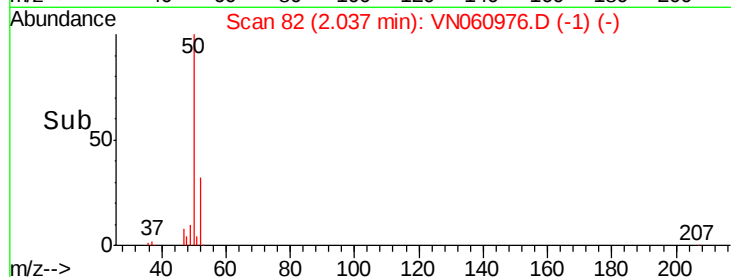
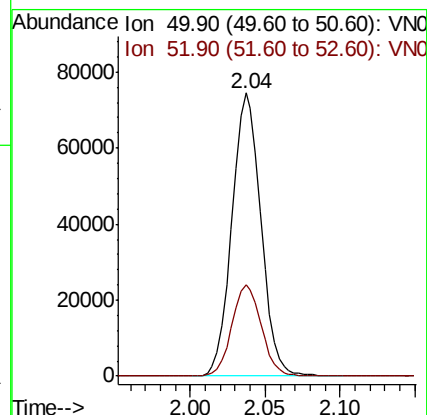
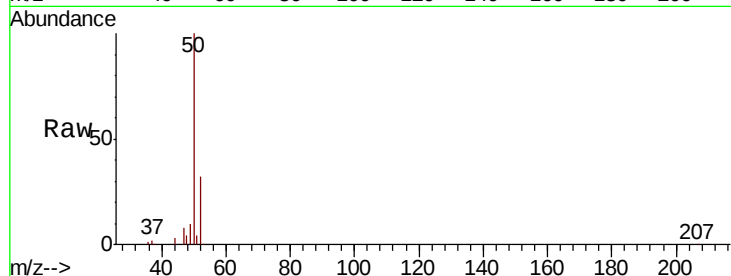
ClientSampleId :

Tot Ion: 50 Resp: 100699

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 42.576 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060976.D

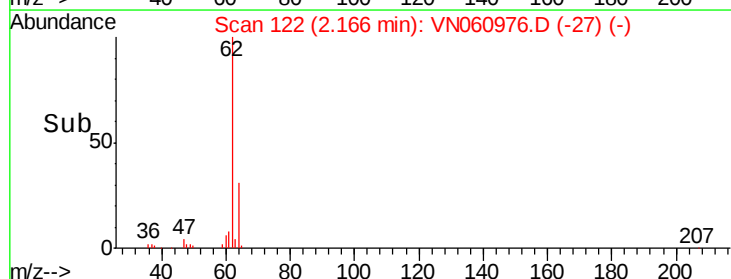
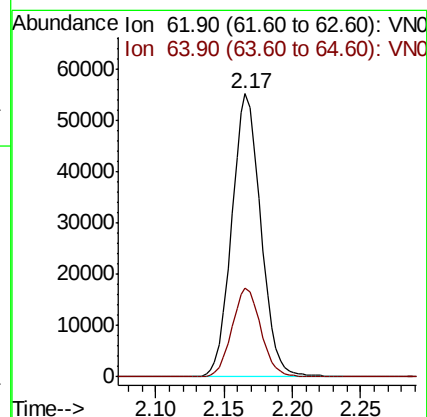
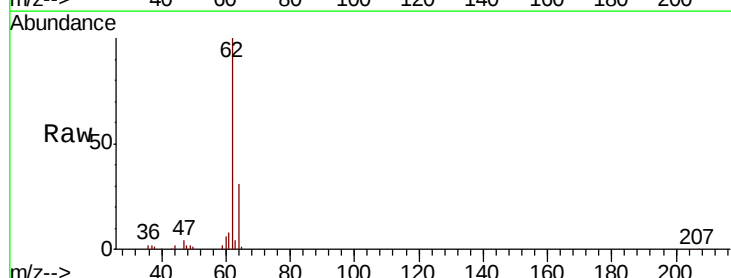
Acq: 15 Apr 2020 20:46

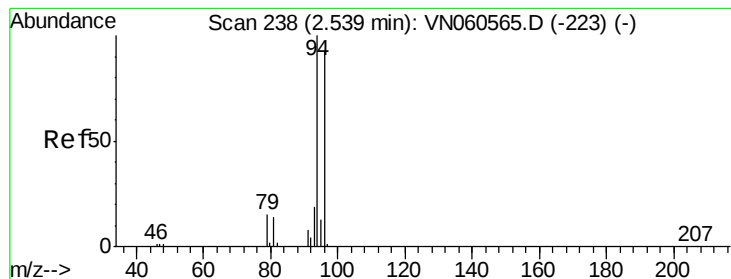
Tgt Ion: 62 Resp: 81882

Ion Ratio Lower Upper

62 100

64 31.4 24.7 37.1





#5

Bromomethane

Concen: 51.529 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

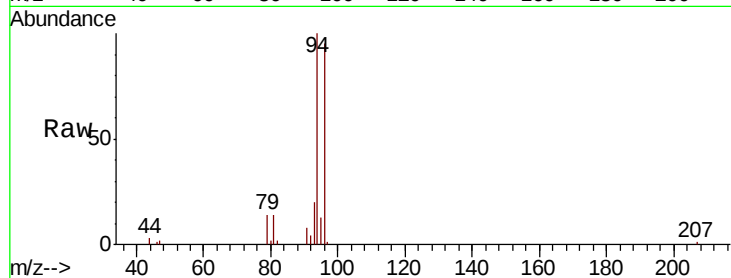
ClientSampleId :

Tot Ion: 94 Resp: 42780

Ion Ratio Lower Upper

94 100

96 94.9 74.6 112.0



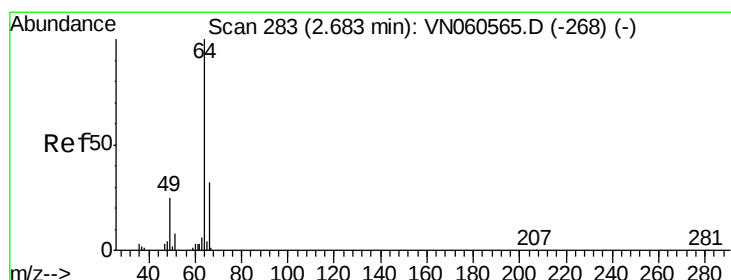
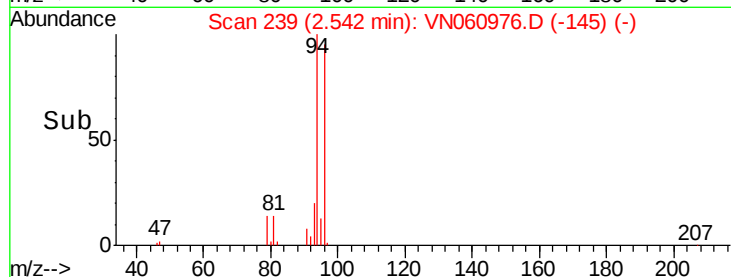
Abundance Ion 93.90 (93.60 to 94.60): VN060976.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060976.D (-145) (-)

2.54

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 48.032 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060976.D

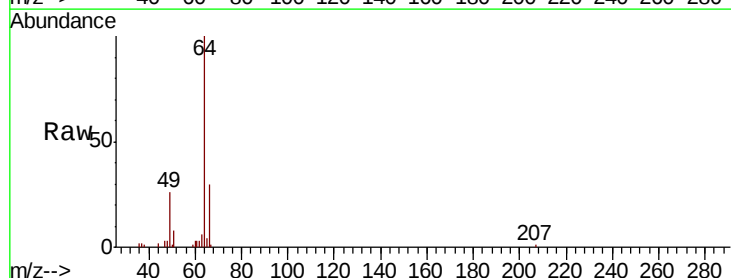
Acq: 15 Apr 2020 20:46

Tgt Ion: 64 Resp: 53212

Ion Ratio Lower Upper

64 100

66 30.0 25.3 37.9



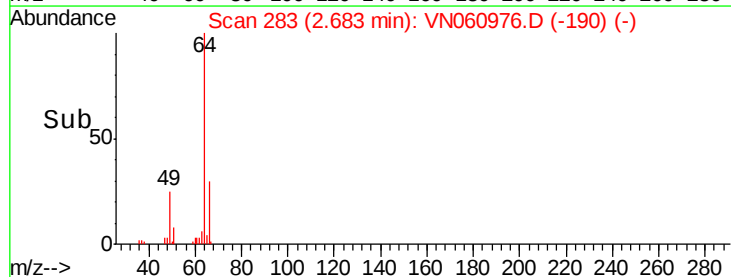
Abundance Ion 63.90 (63.60 to 64.60): VN060976.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060976.D (-190) (-)

2.68

2.60 2.65 2.70 2.75 2.80

Time-->



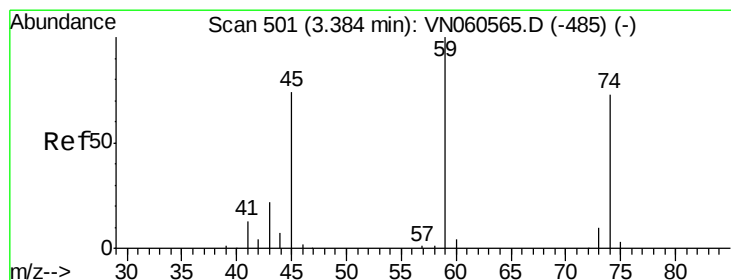
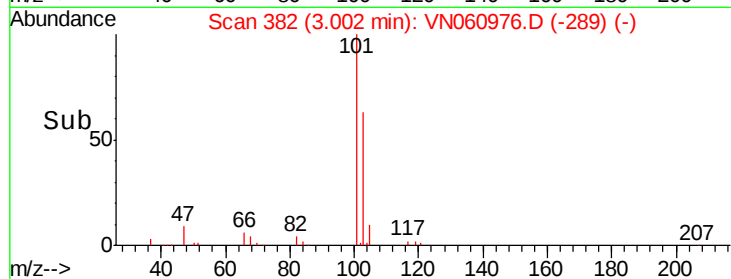
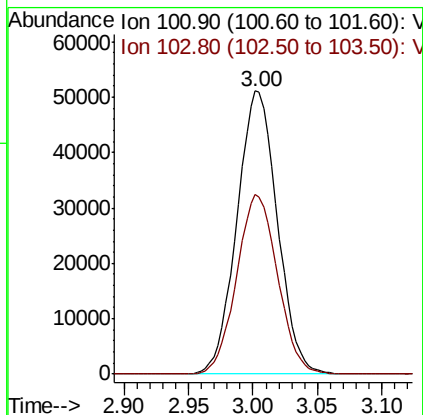
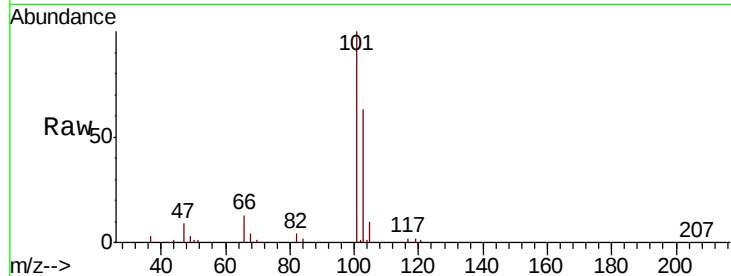


#7

Trichlorofluoromethane
 Concen: 47.038 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Instrument :
 MSVOA_N
 ClientSampled :

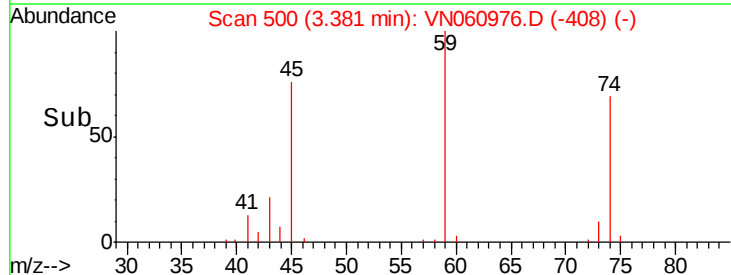
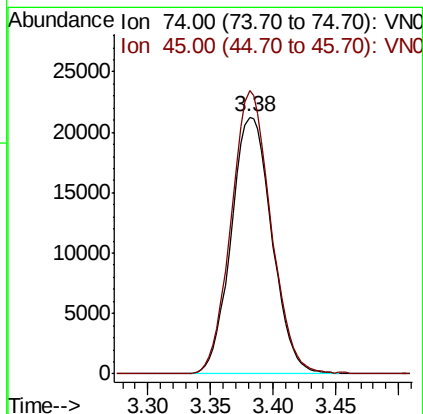
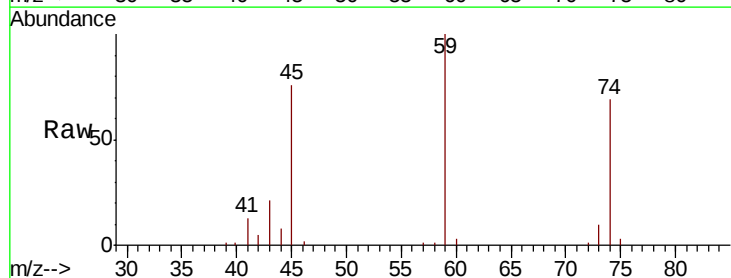
Tot Ion:101 Resp: 111437
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.6 76.0

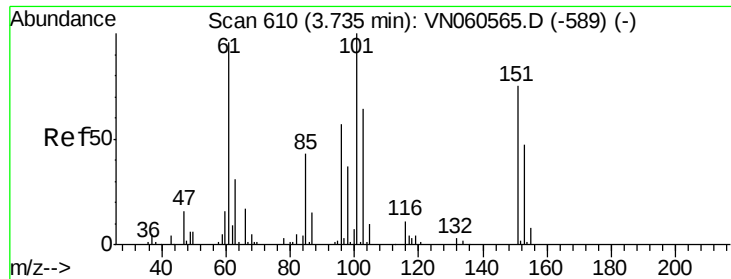


#8

Diethyl Ether
 Concen: 50.364 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 74 Resp: 47932
 Ion Ratio Lower Upper
 74 100
 45 108.0 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.026 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampled :

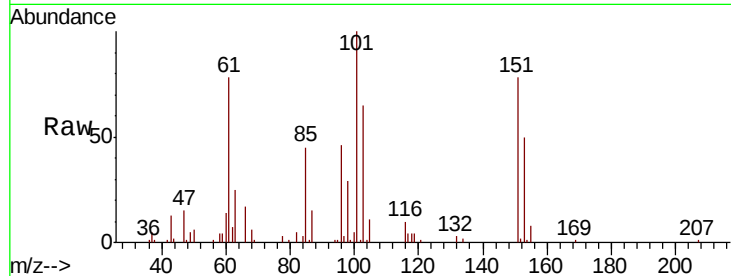
Tot Ion:101 Resp: 67300

Ion Ratio Lower Upper

101 100

85 43.9 35.6 53.4

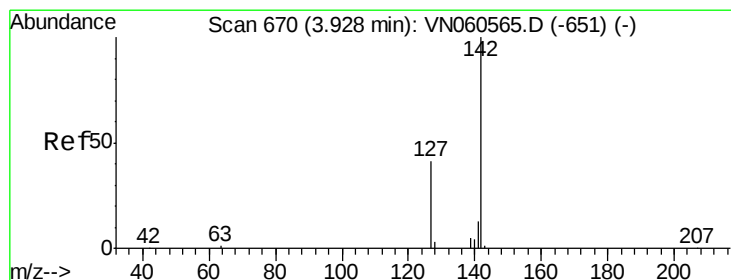
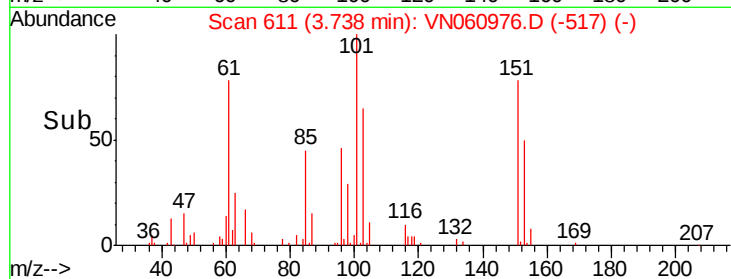
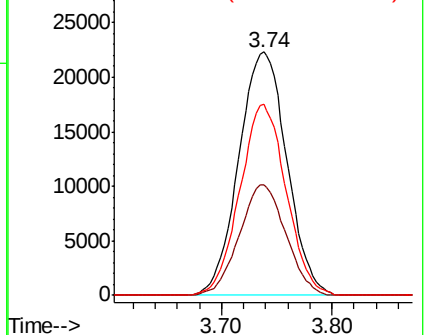
151 75.8 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 38.858 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

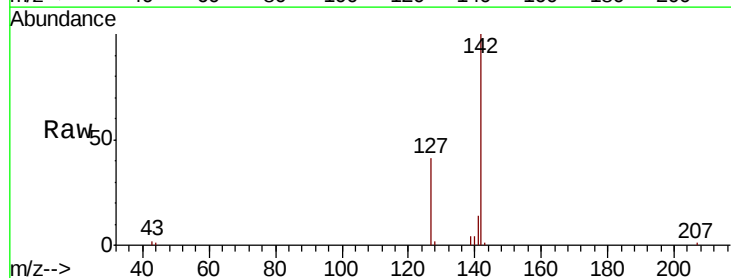
Tgt Ion:142 Resp: 47465

Ion Ratio Lower Upper

142 100

127 41.4 33.5 50.3

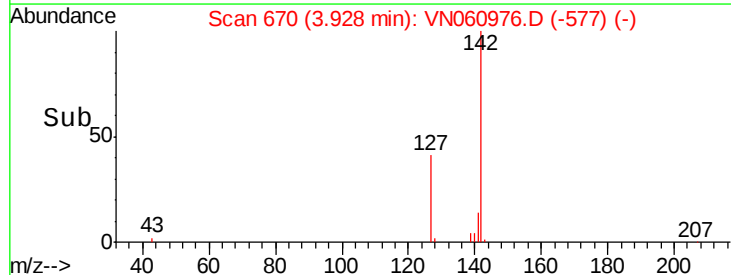
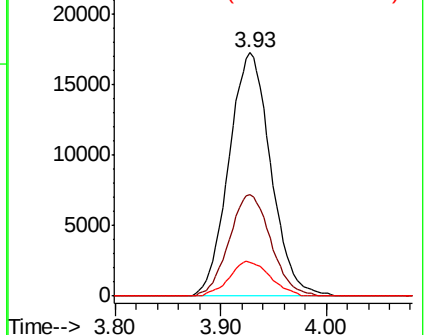
141 13.8 11.0 16.6

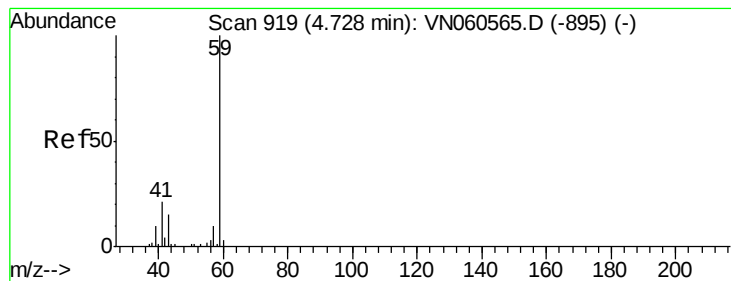


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



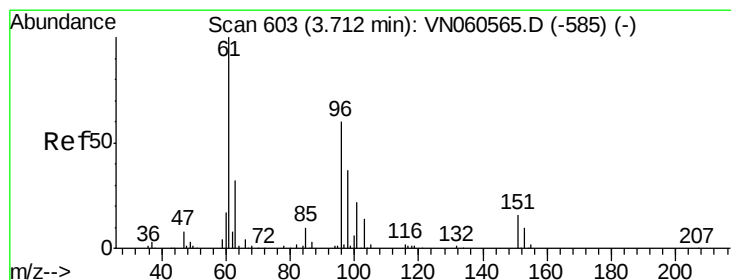
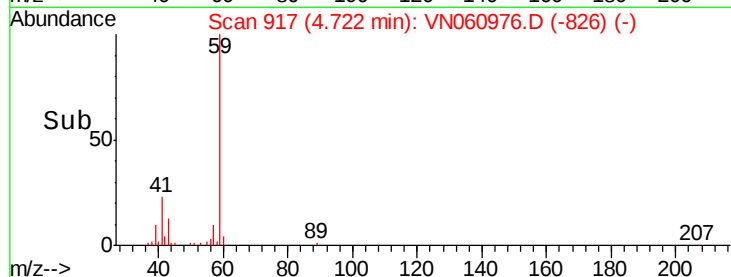
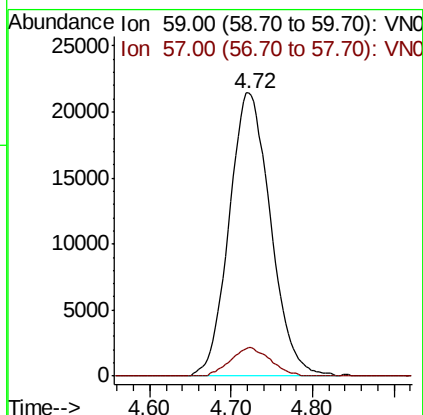
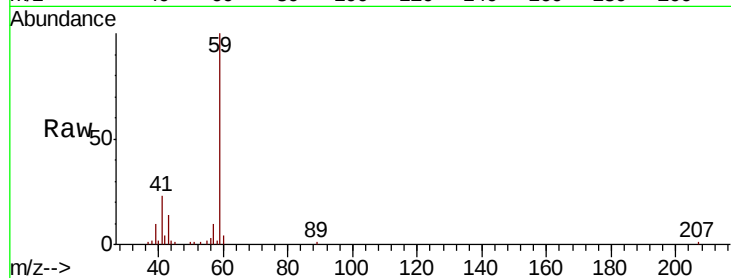


#11

Tert butyl alcohol
 Concen: 275.731 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Instrument :
 MSVOA_N
 ClientSampleId :

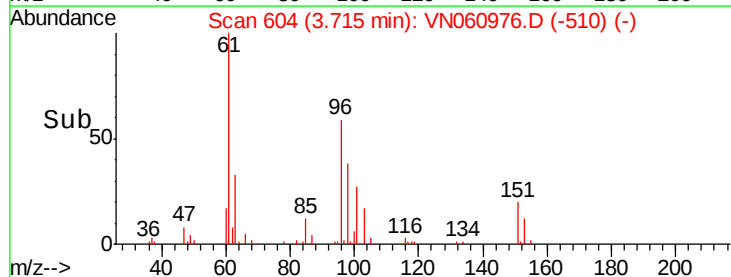
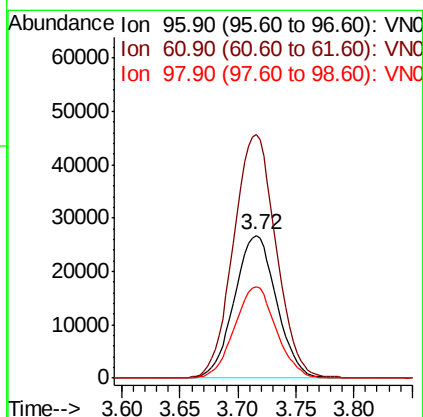
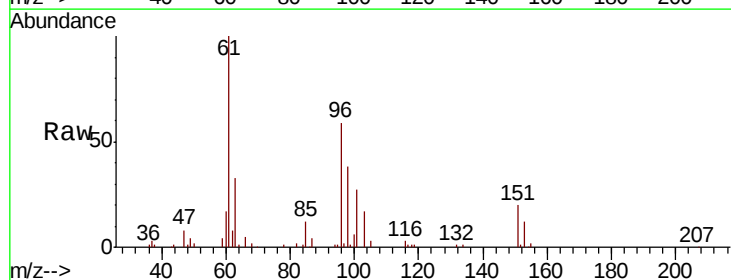
Tot Ion: 59 Resp: 75742
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 45.818 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 96 Resp: 67495
 Ion Ratio Lower Upper
 96 100
 61 170.5 134.1 201.1
 98 64.3 49.9 74.9





#13

Acrolein

Concen: 282.824 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

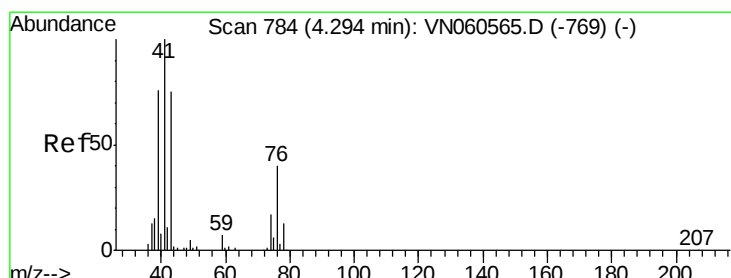
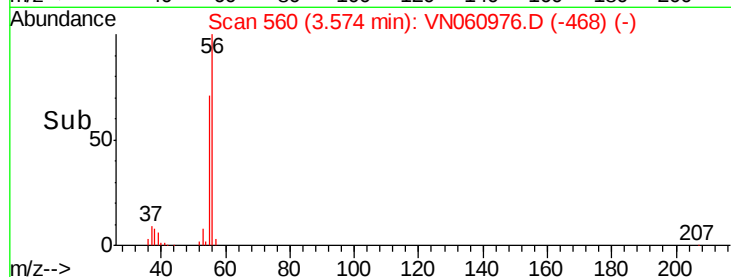
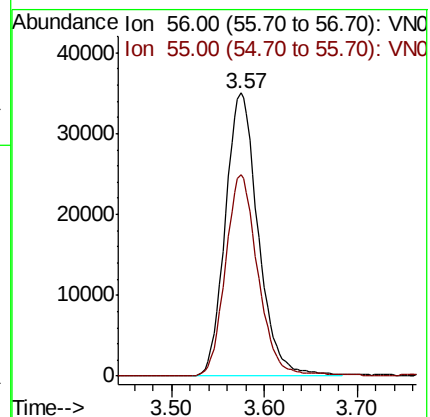
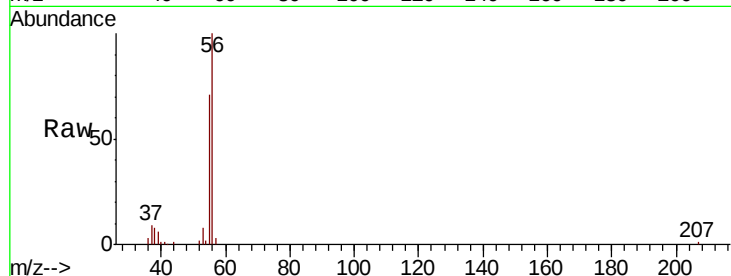
ClientSampleId :

Tot Ion: 56 Resp: 86104

Ion Ratio Lower Upper

56 100

55 69.7 56.7 85.1



#14

Allyl chloride

Concen: 49.485 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

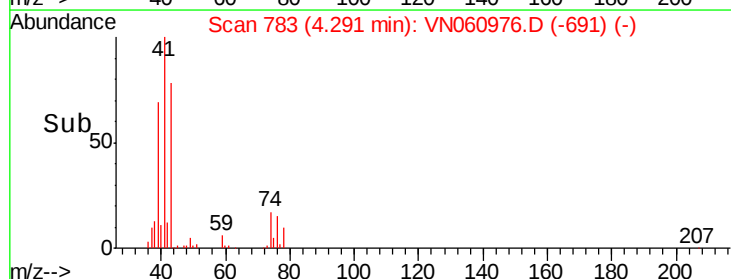
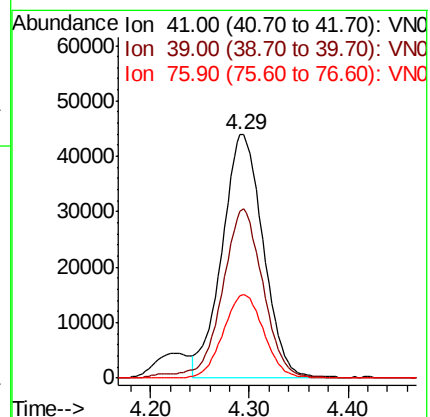
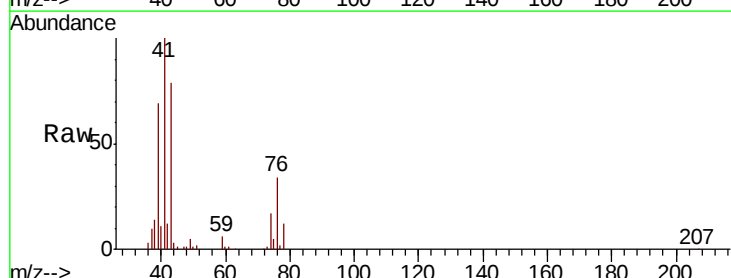
Tgt Ion: 41 Resp: 128210

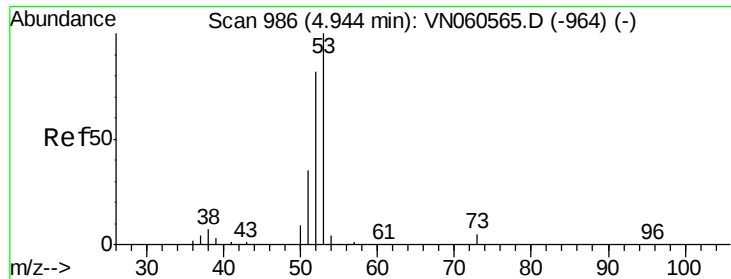
Ion Ratio Lower Upper

41 100

39 68.2 57.8 86.8

76 33.7 28.6 43.0





#15

Acrylonitrile

Concen: 271.436 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

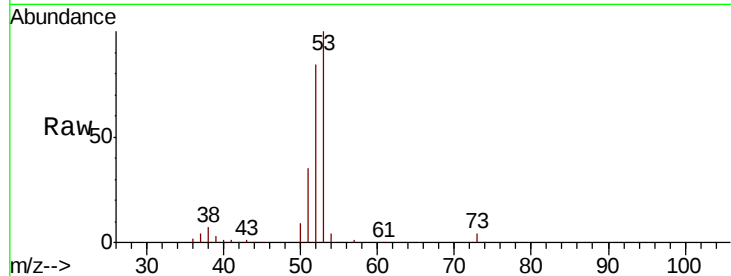
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 219257

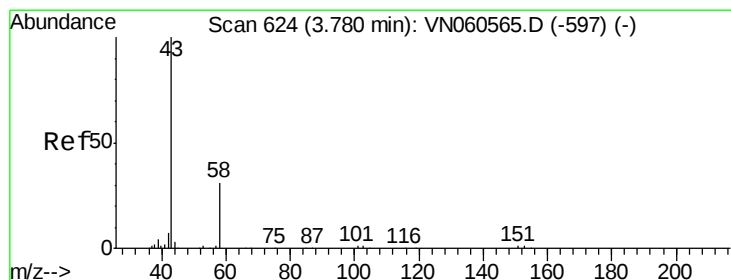
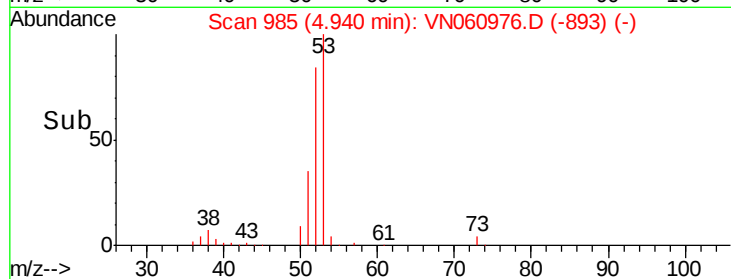
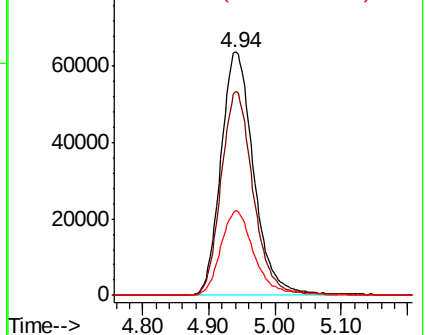
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	35.2	28.7	43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 263.624 ug/l

RT: 3.78 min Scan# 623

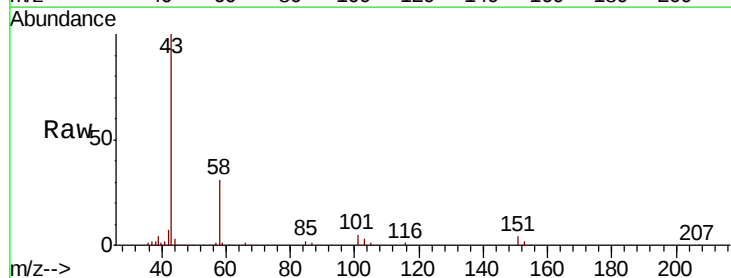
Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

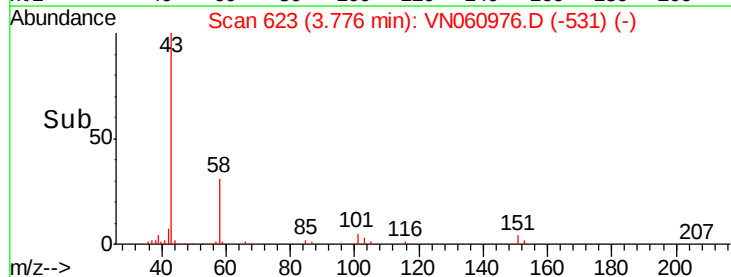
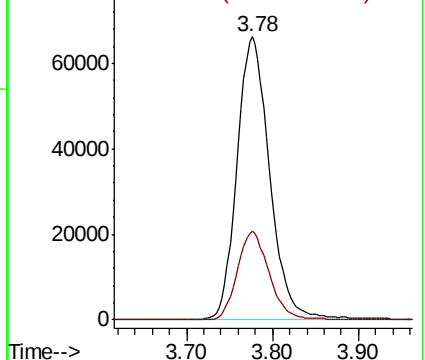
Tgt Ion: 43 Resp: 174418

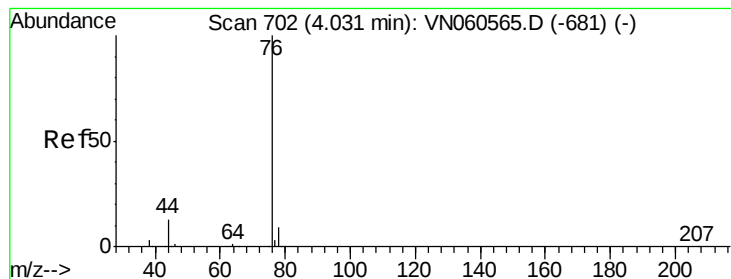
Ion	Ratio	Lower	Upper
43	100		
58	31.2	25.1	37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 39.623 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

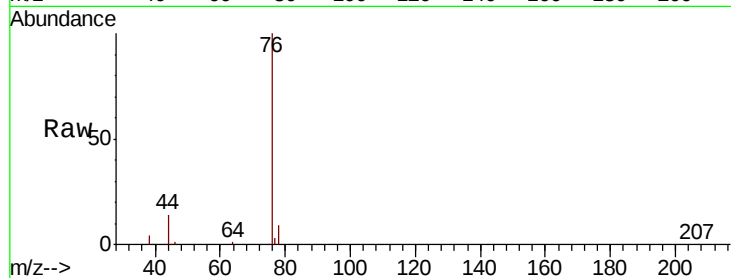
ClientSampled :

Tot Ion: 76 Resp: 177520

Ion Ratio Lower Upper

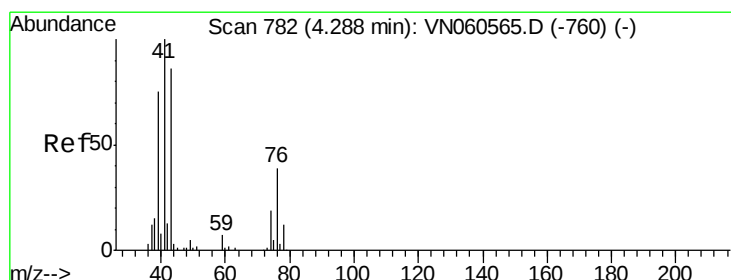
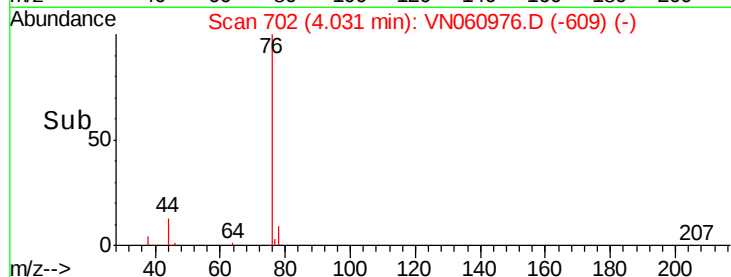
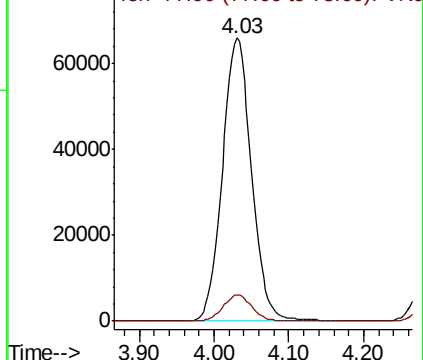
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 56.312 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060976.D

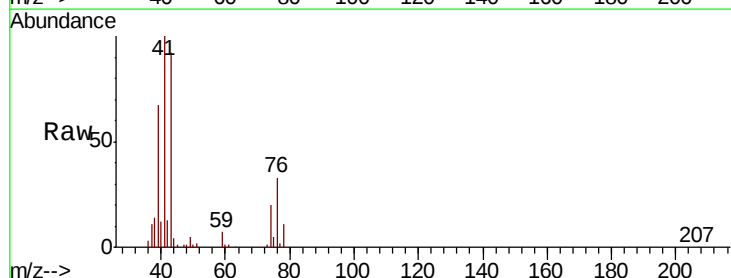
Acq: 15 Apr 2020 20:46

Tgt Ion: 43 Resp: 104869

Ion Ratio Lower Upper

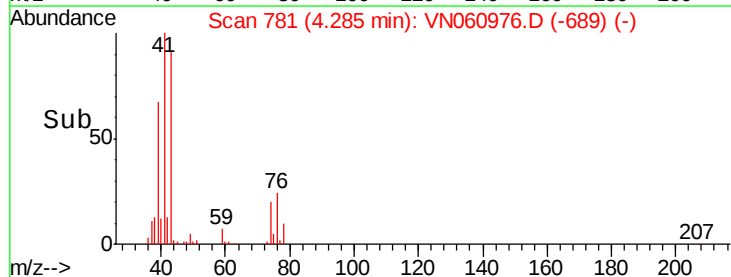
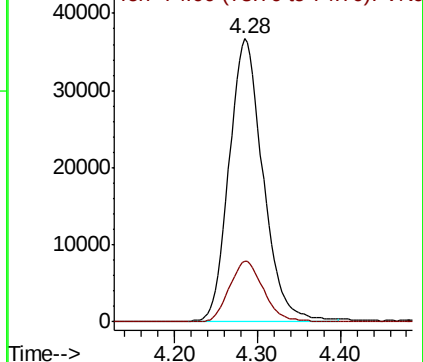
43 100

74 21.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

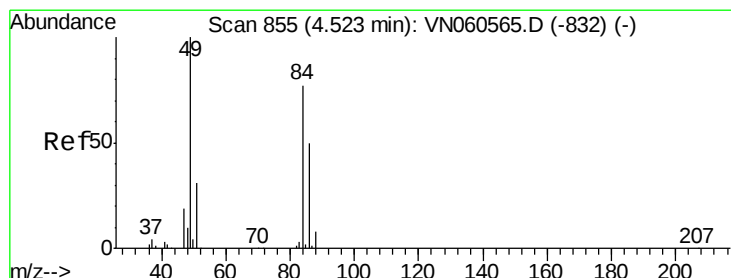
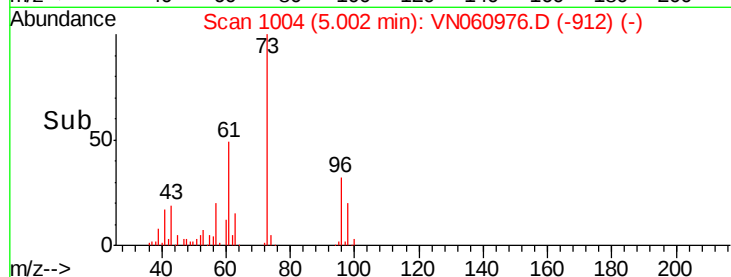
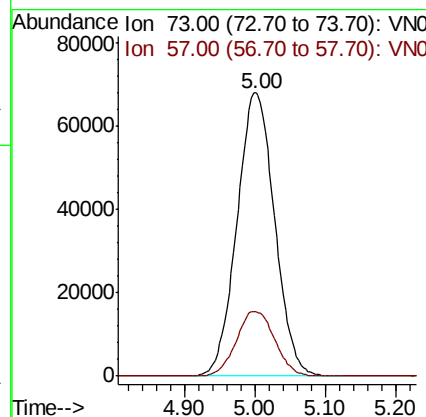
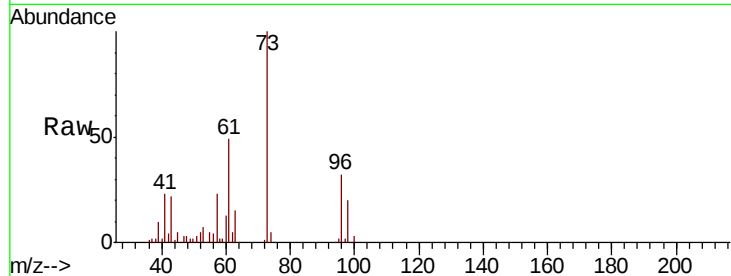




#19
Methyl tert-butyl Ether
Concen: 49.924 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

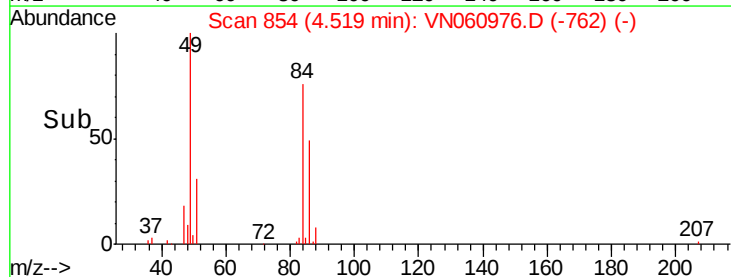
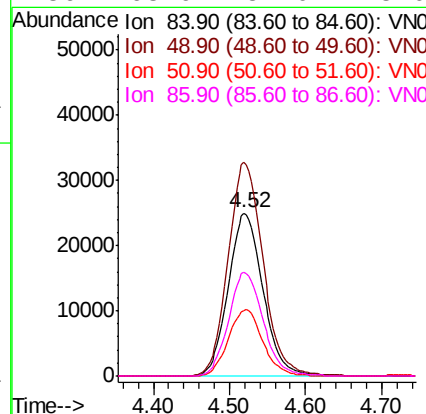
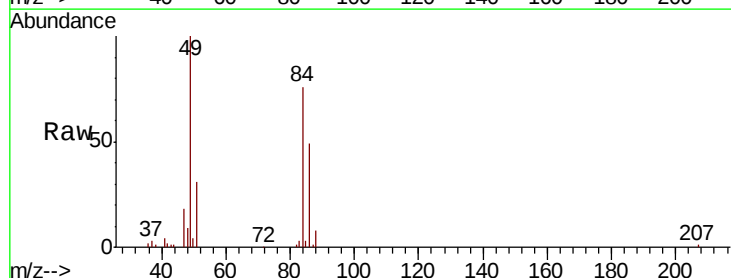
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 252854
Ion Ratio Lower Upper
73 100
57 22.6 17.5 26.3



#20
Methylene Chloride
Concen: 48.802 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 84 Resp: 79428
Ion Ratio Lower Upper
84 100
49 131.2 103.3 154.9
51 40.4 31.6 47.4
86 63.9 52.0 78.0



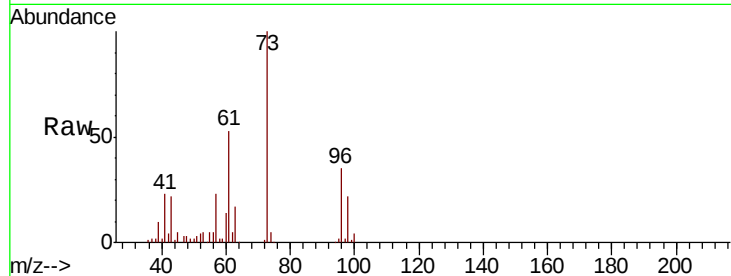


#21

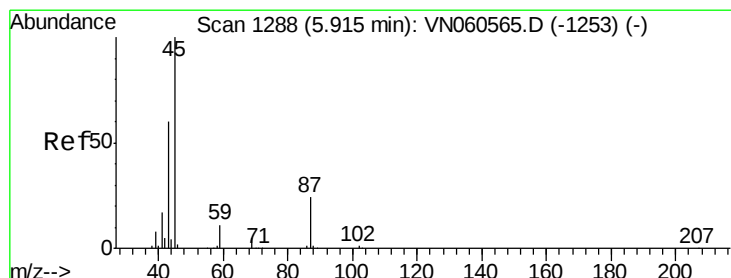
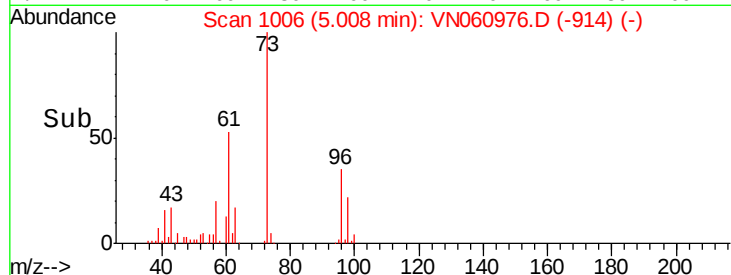
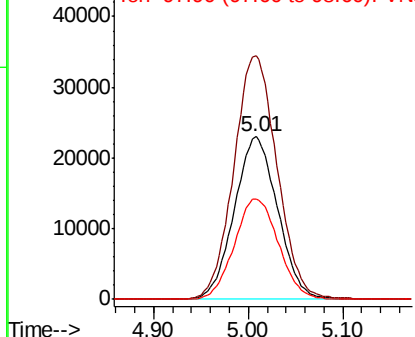
trans-1,2-Dichloroethene
Concen: 46.580 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 73132
Ion Ratio Lower Upper
96 100
61 149.9 114.4 171.6
98 61.9 48.4 72.6



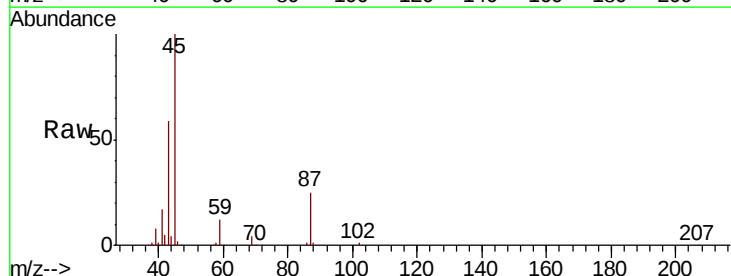
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



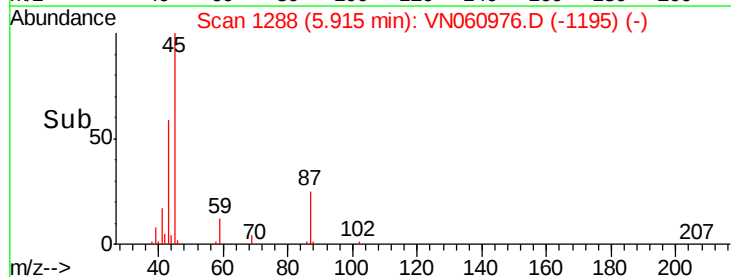
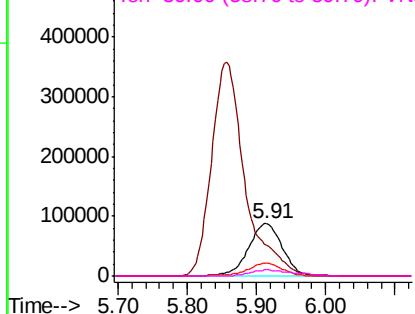
#22

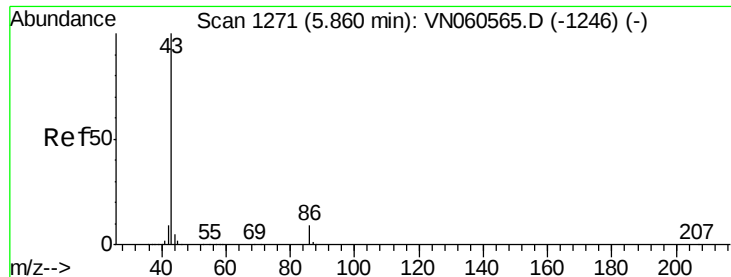
Diisopropyl ether
Concen: 53.890 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 45 Resp: 294980
Ion Ratio Lower Upper
45 100
43 57.7 49.8 74.8
87 24.8 20.1 30.1
59 11.4 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

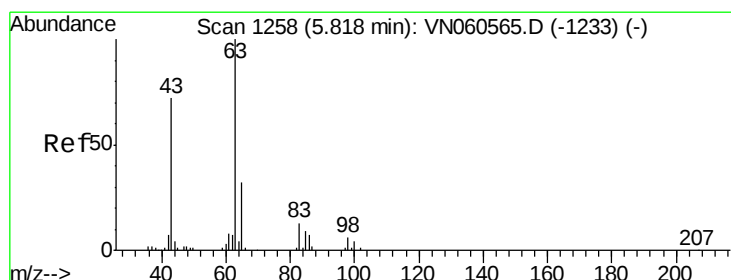
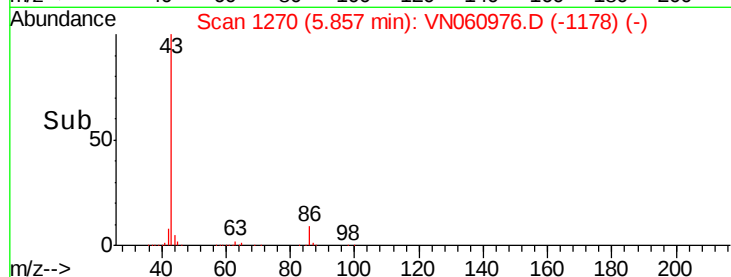
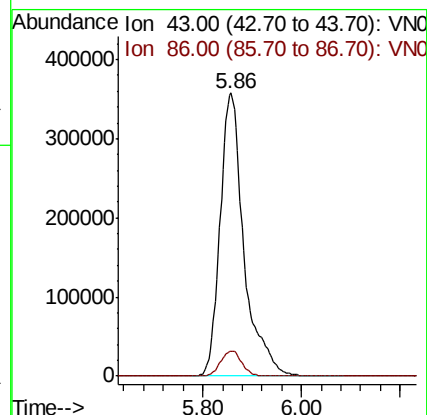
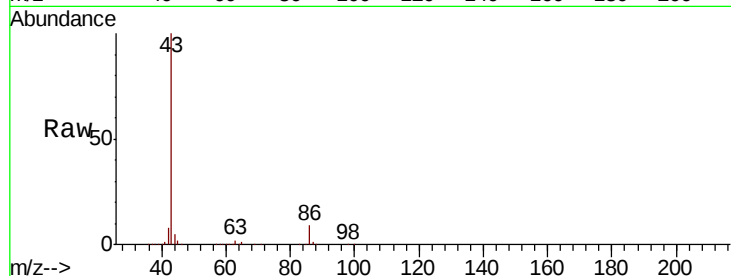




#23
 Vinyl Acetate
 Concen: 269.581 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

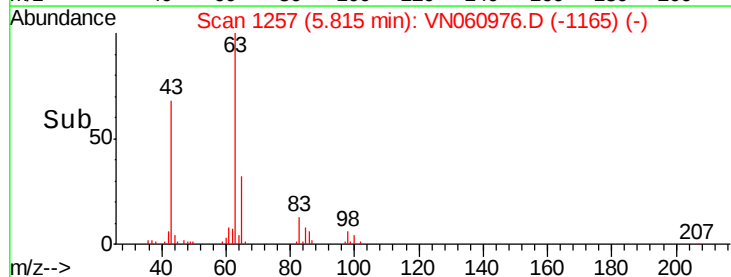
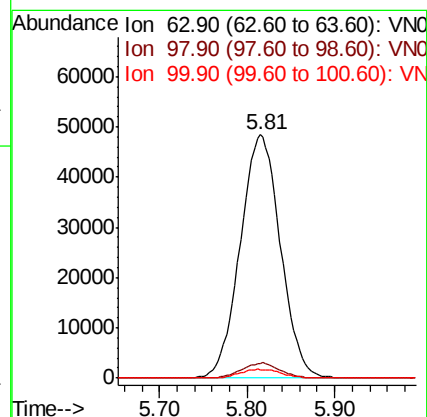
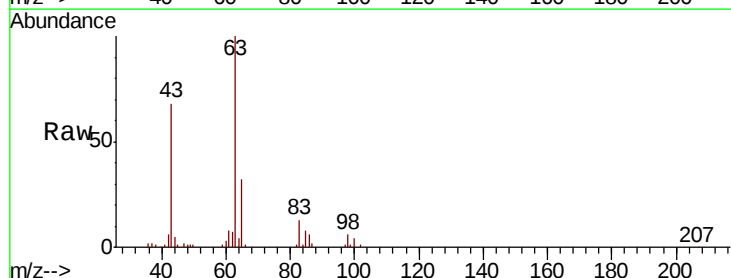
Instrument :
 MSVOA_N
 ClientSampleId :

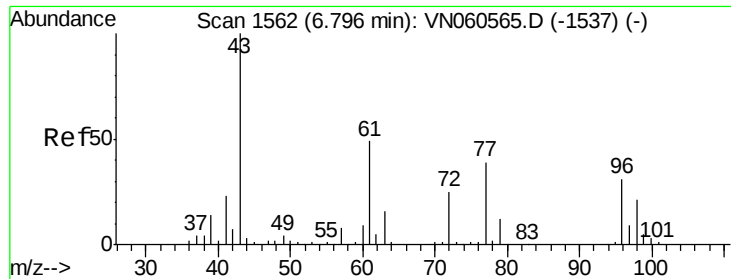
Tot Ion: 43 Resp: 1203986
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 51.578 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 63 Resp: 153911
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 3.6 1.8 5.5





#25

2-Butanone

Concen: 271.621 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

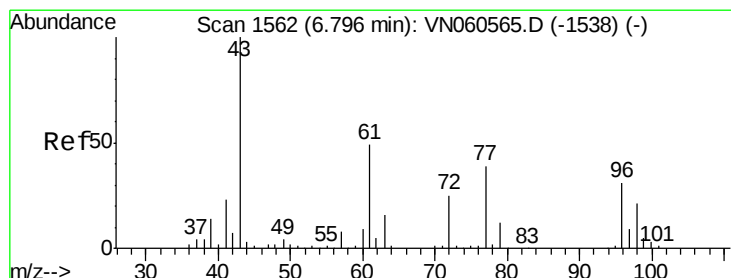
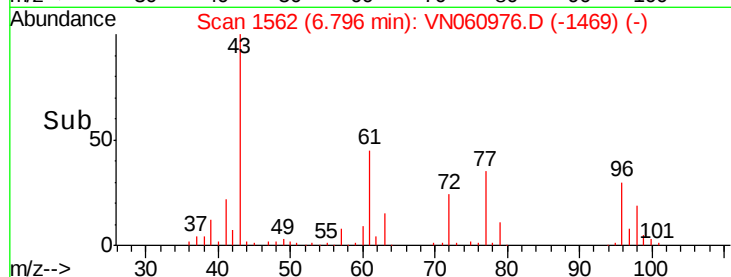
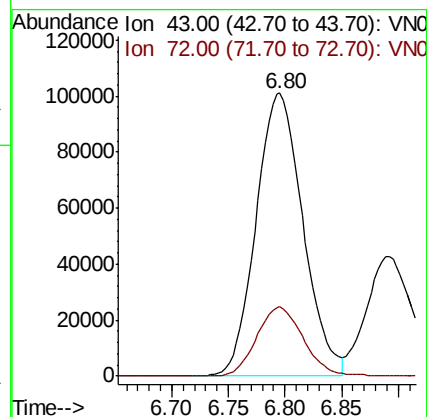
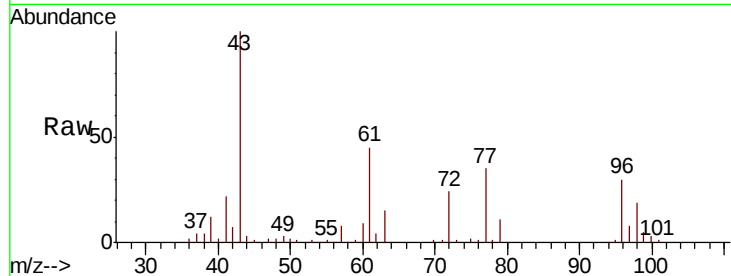
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 290800

Ion Ratio Lower Upper

43 100

72 24.5 20.4 30.6



#26

2,2-Dichloropropane

Concen: 48.397 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060976.D

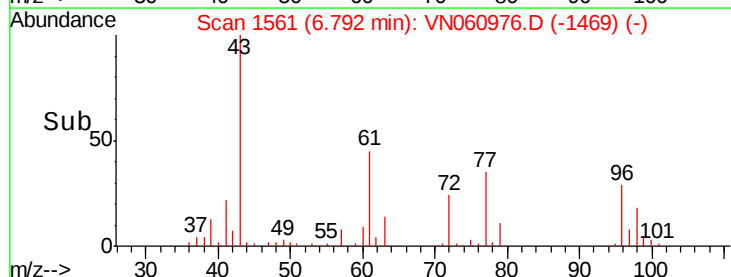
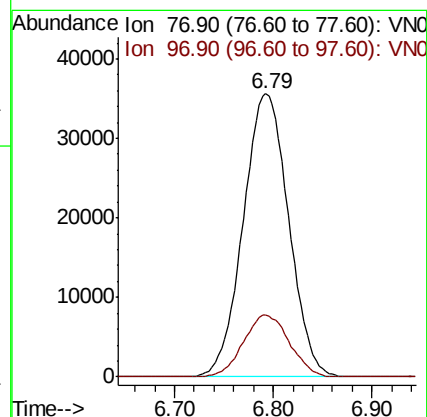
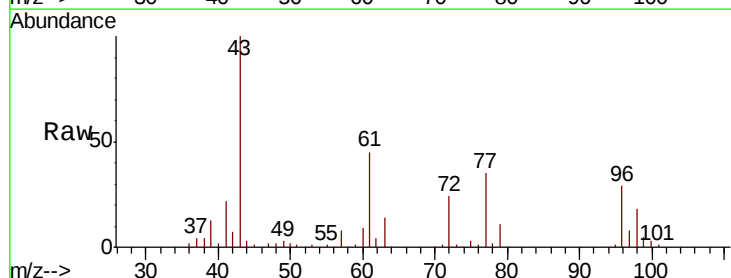
Acq: 15 Apr 2020 20:46

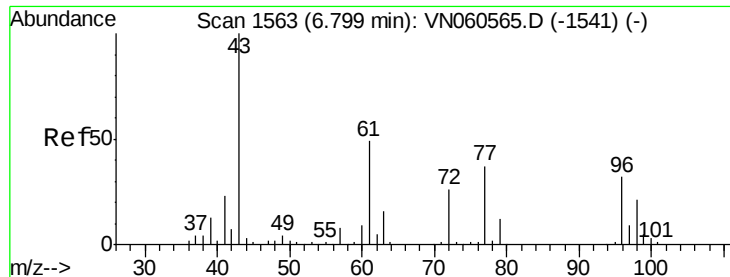
Tgt Ion: 77 Resp: 113626

Ion Ratio Lower Upper

77 100

97 22.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.093 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :

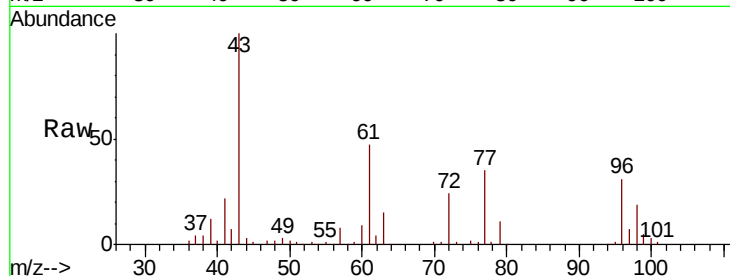
Tot Ion: 96 Resp: 87588

Ion Ratio Lower Upper

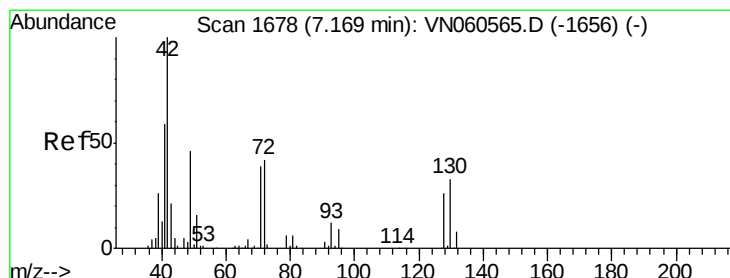
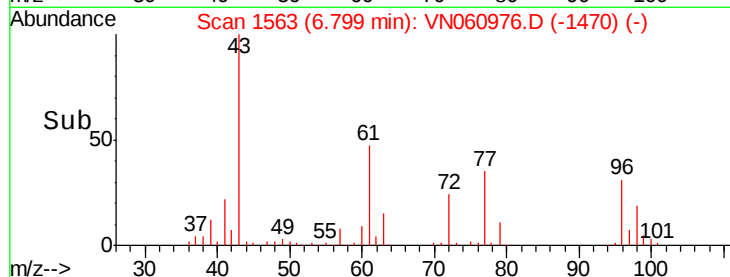
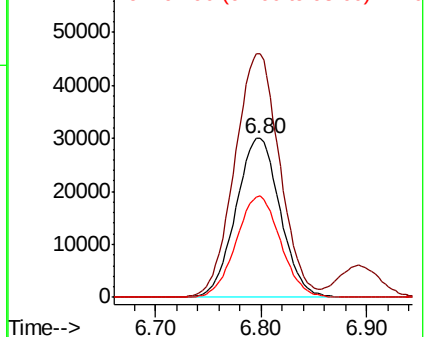
96 100

61 155.5 0.0 305.6

98 63.7 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 53.532 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

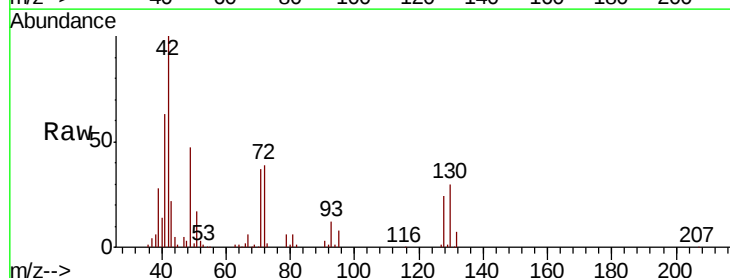
Tgt Ion: 49 Resp: 76426

Ion Ratio Lower Upper

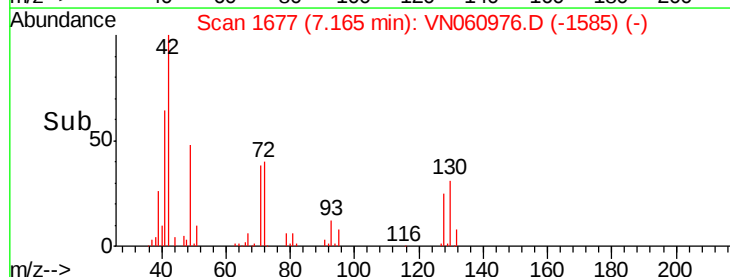
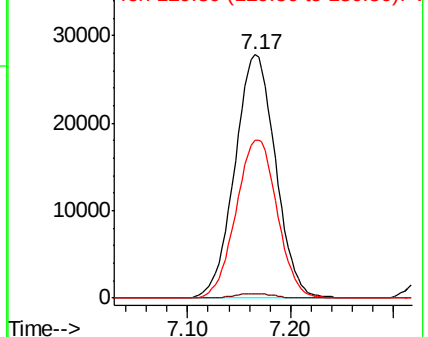
49 100

129 1.6 0.0 3.4

130 65.3 55.0 82.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

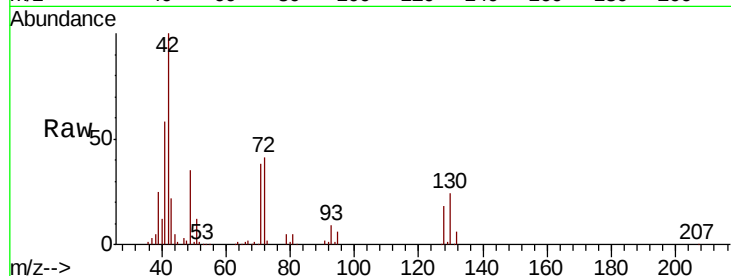




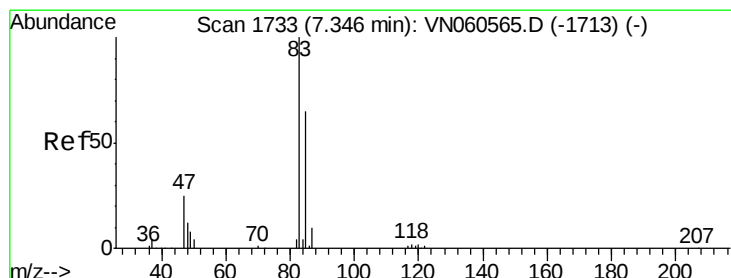
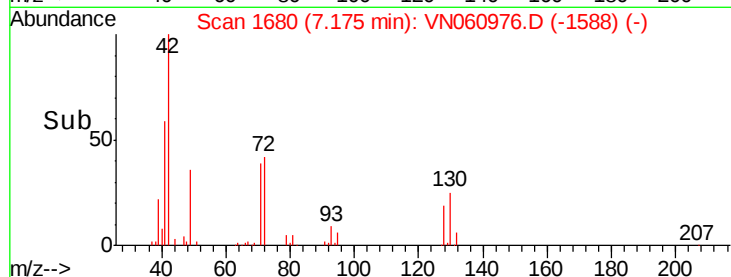
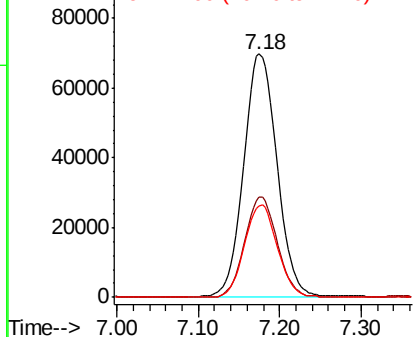
#29
Tetrahydrofuran
Concen: 260.773 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 197535
Ion Ratio Lower Upper
42 100
72 40.2 33.2 49.8
71 37.4 31.1 46.7

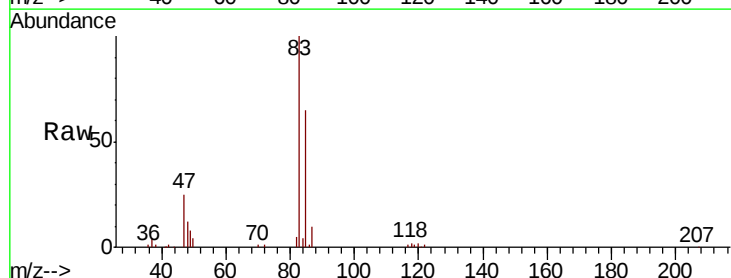


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

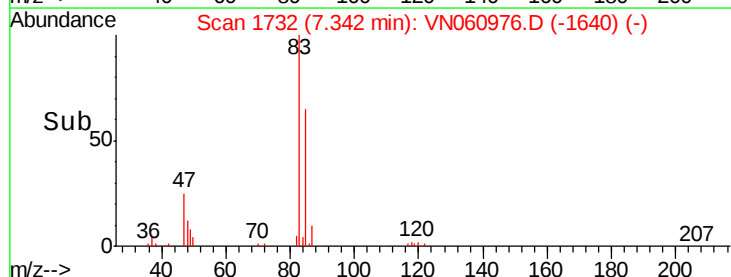
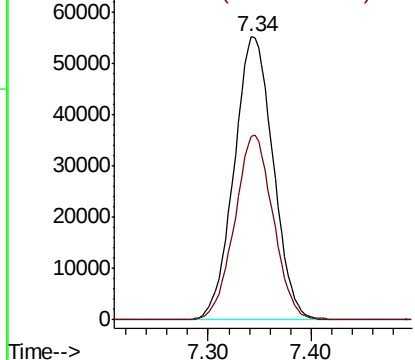


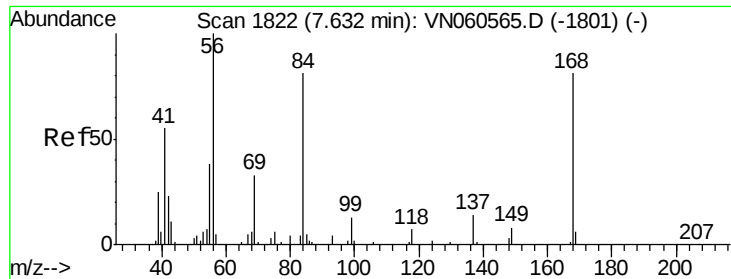
#30
Chloroform
Concen: 50.869 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 83 Resp: 145519
Ion Ratio Lower Upper
83 100
85 64.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

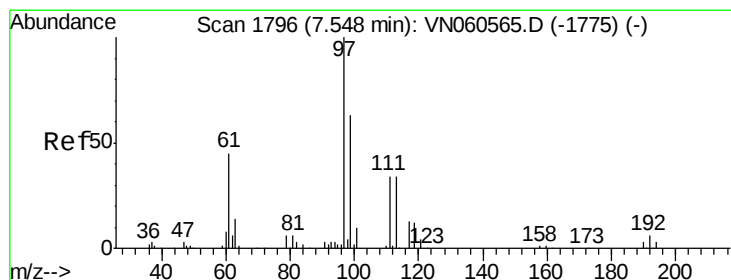
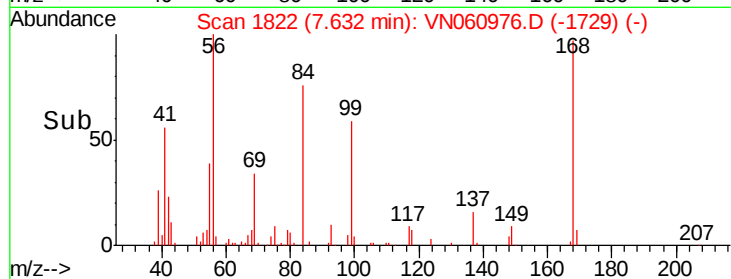
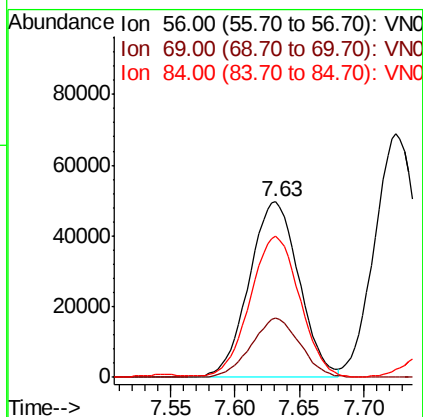
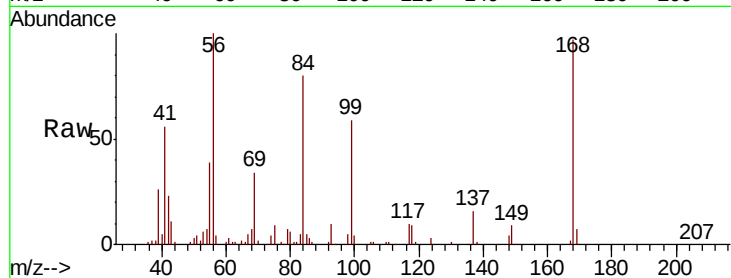




#31
Cyclohexane
Concen: 44.449 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

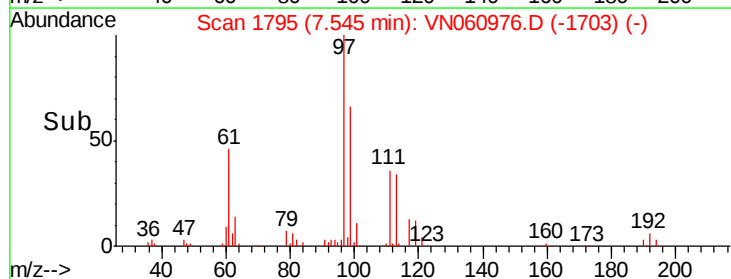
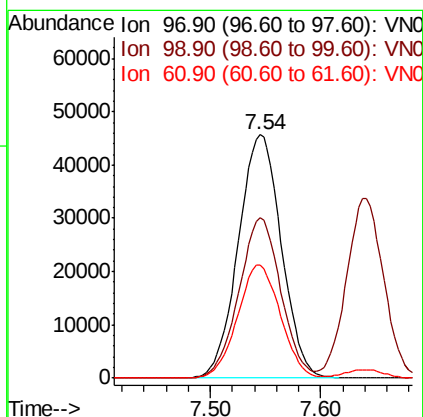
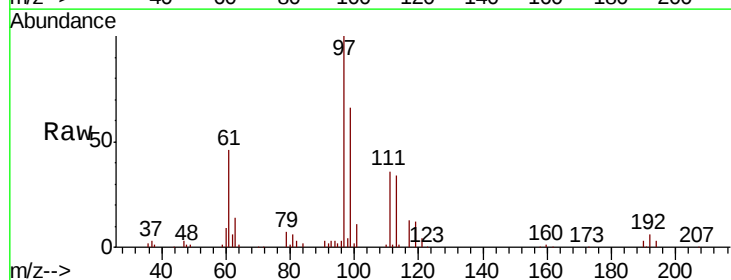
Instrument :
MSVOA_N
ClientSampled :

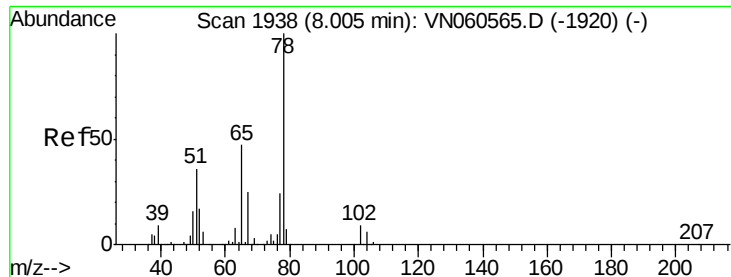
Tot Ion: 56 Resp: 133718
Ion Ratio Lower Upper
56 100
69 33.8 26.6 40.0
84 79.3 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 50.018 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 97 Resp: 123350
Ion Ratio Lower Upper
97 100
99 64.3 50.6 75.8
61 46.2 36.2 54.4

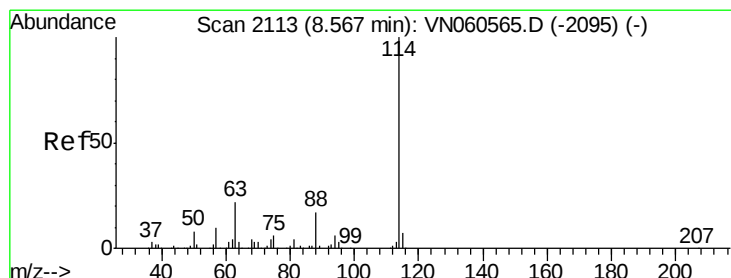
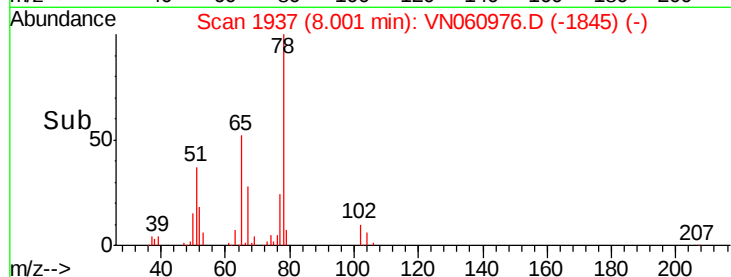
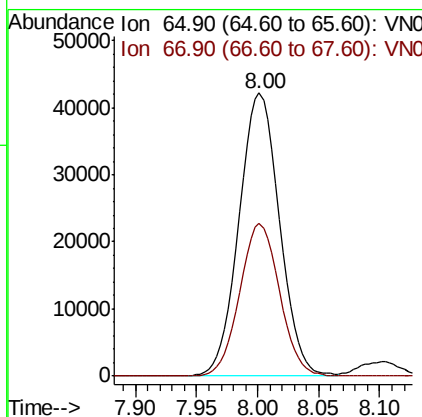
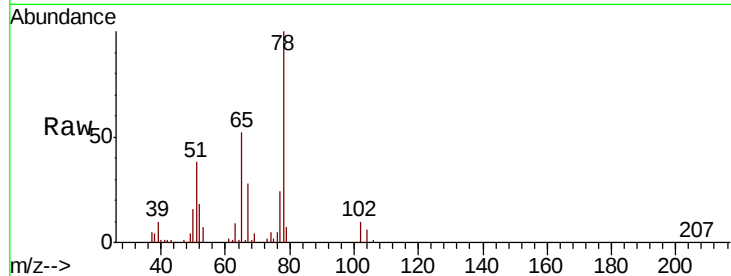




#33
 1,2-Dichloroethane-d4
 Concen: 51.922 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

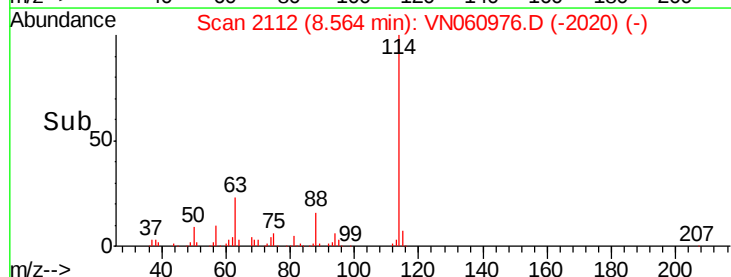
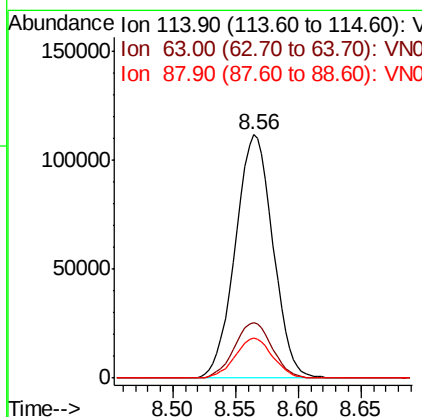
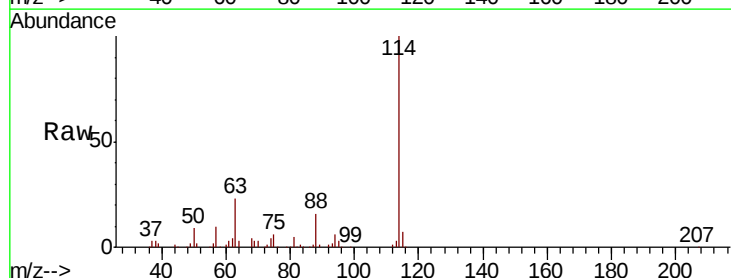
Instrument :
 MSVOA_N
 ClientSampleId :

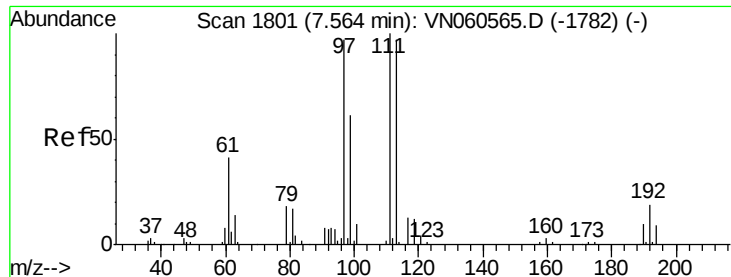
Tot Ion: 65 Resp: 96980
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 114 Resp: 232860
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 51.437 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :

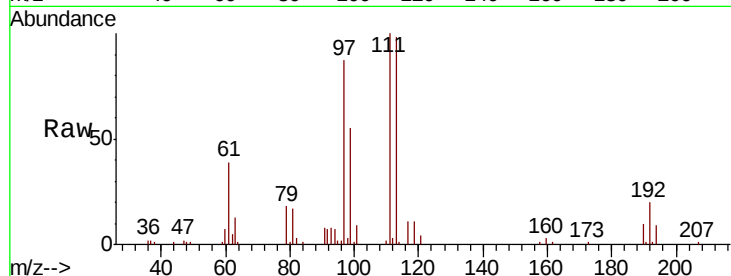
Tot Ion:113 Resp: 72425

Ion Ratio Lower Upper

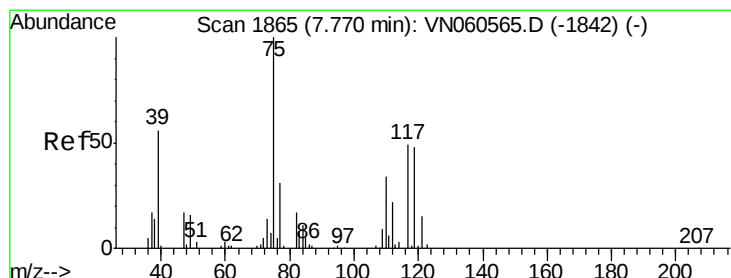
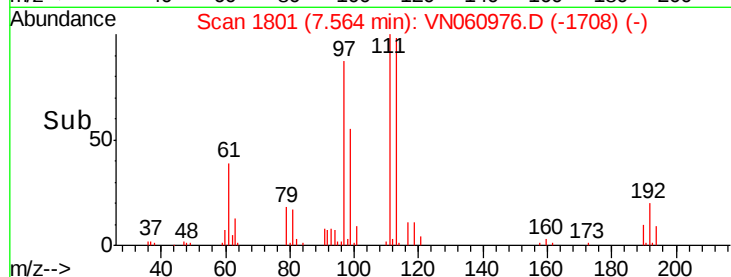
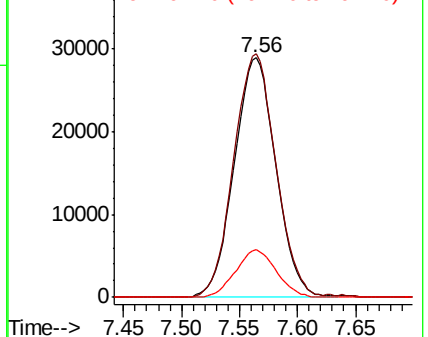
113 100

111 102.6 82.9 124.3

192 19.4 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.374 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

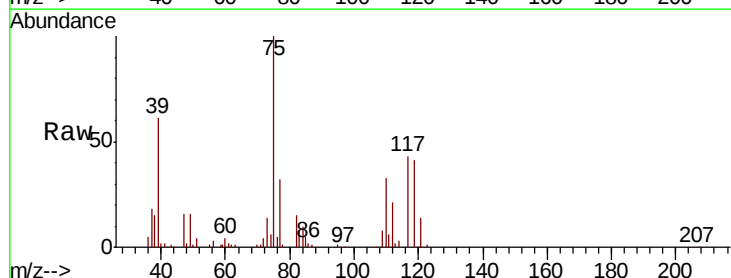
Tgt Ion: 75 Resp: 109074

Ion Ratio Lower Upper

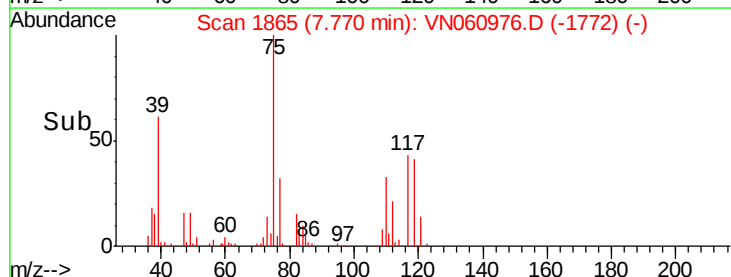
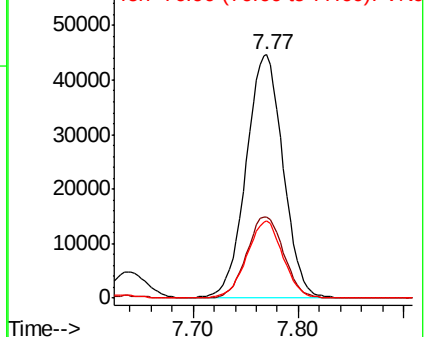
75 100

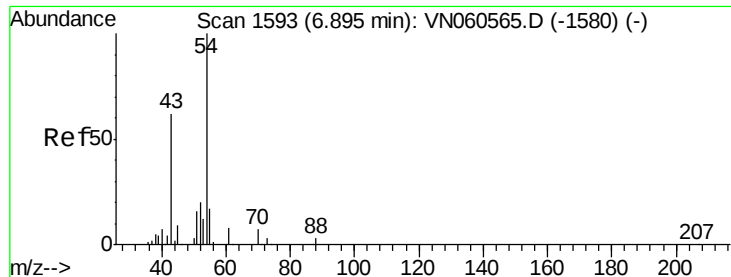
110 33.3 16.9 50.6

77 31.0 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

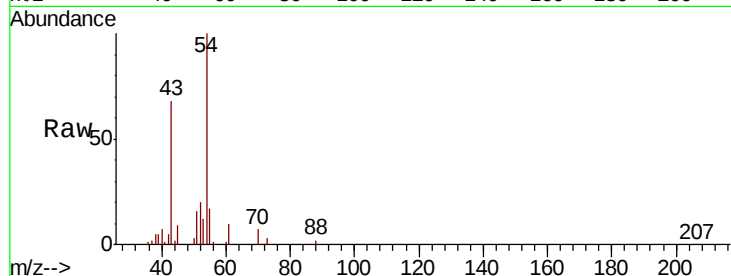




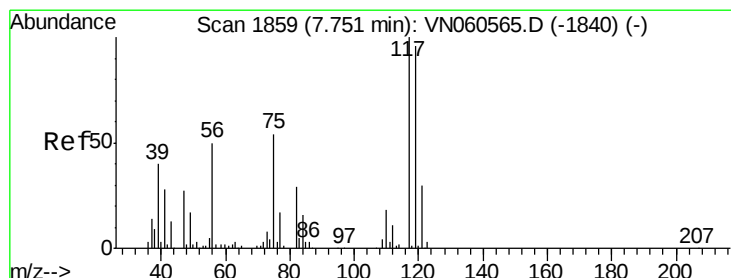
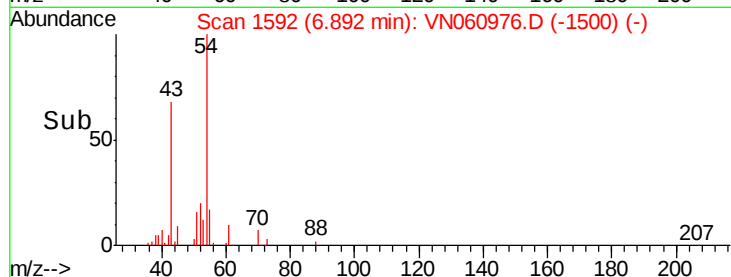
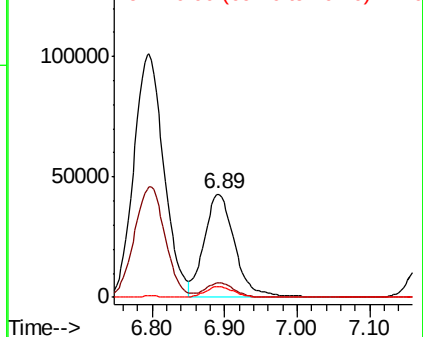
#37
Ethyl Acetate
Concen: 51.079 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 124448
Ion Ratio Lower Upper
43 100
61 13.6 10.6 15.8
70 9.7 7.9 11.9

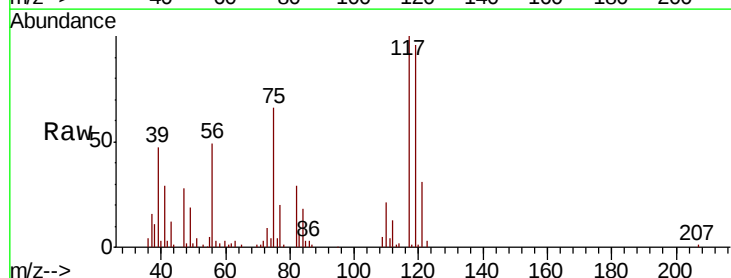


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

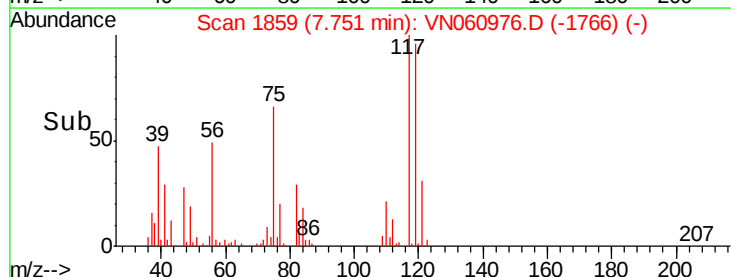
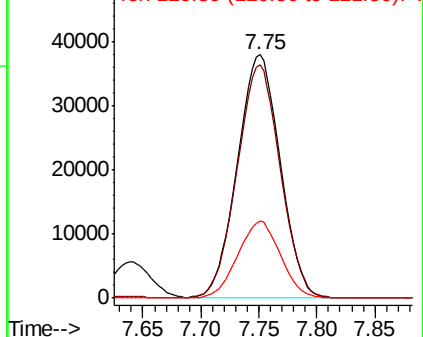


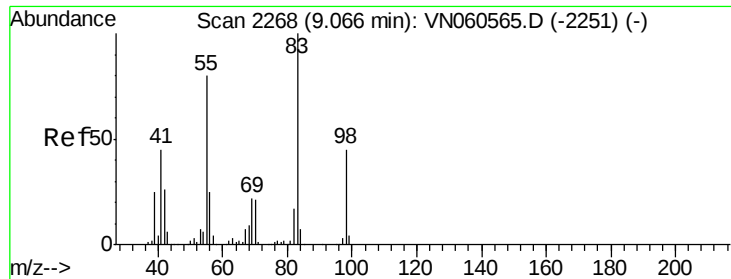
#38
Carbon Tetrachloride
Concen: 48.280 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 117 Resp: 97569
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2
121 31.5 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

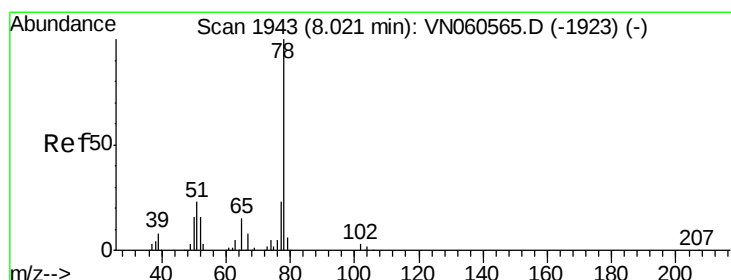
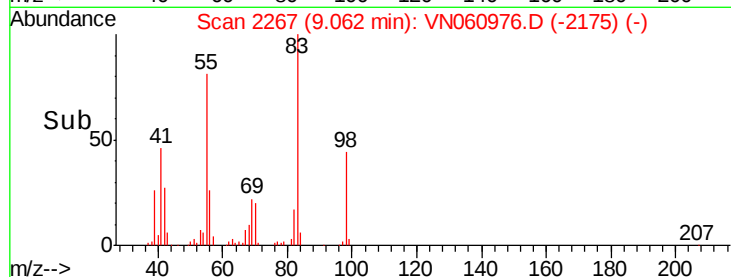
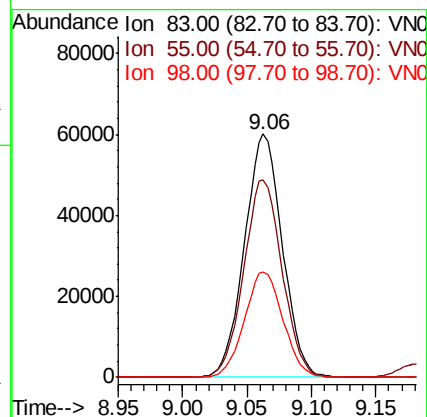
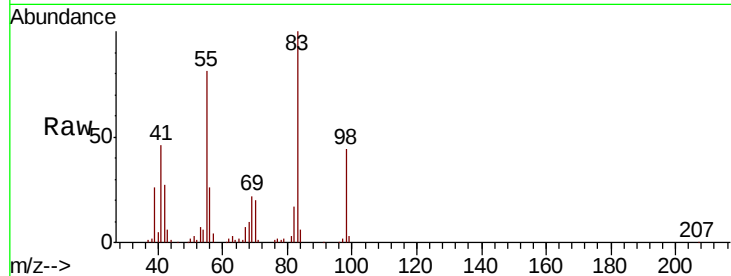




#39
Methvlcvclohexane
Concen: 45.946 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

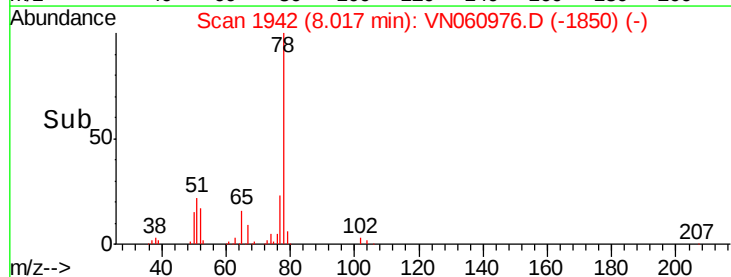
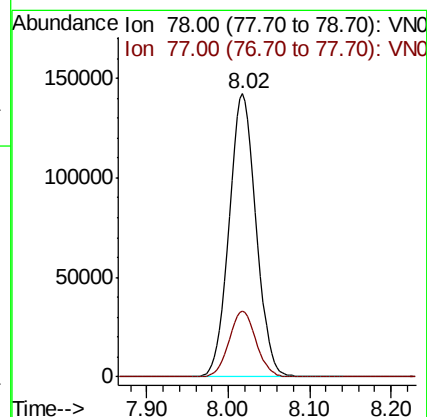
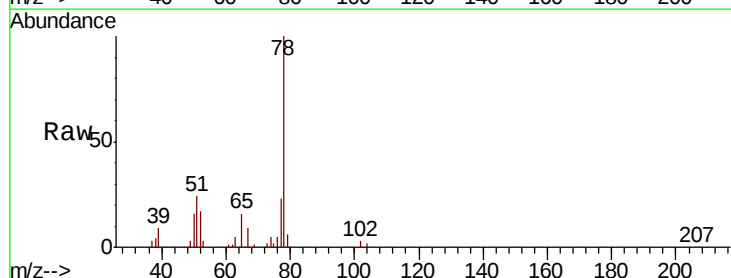
Instrument :
MSVOA_N
ClientSampleId :

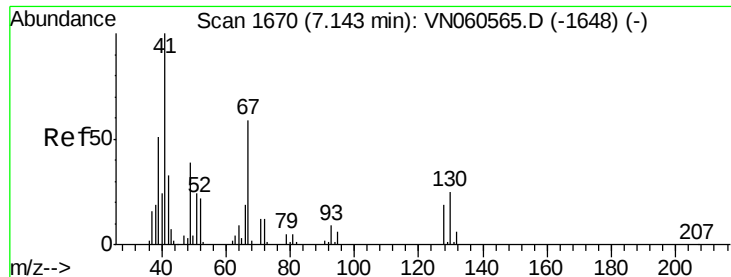
Tot Ion: 83 Resp: 123114
Ion Ratio Lower Upper
83 100
55 81.2 63.6 95.4
98 43.5 36.0 54.0



#40
Benzene
Concen: 48.635 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 78 Resp: 331045
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

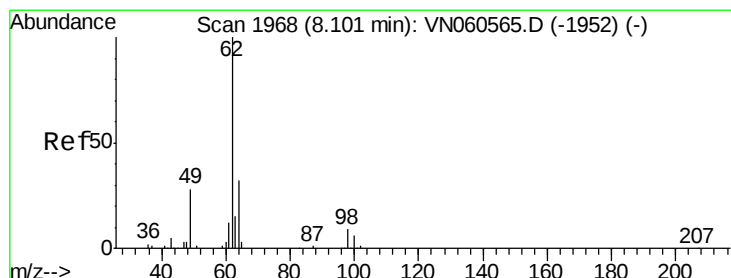
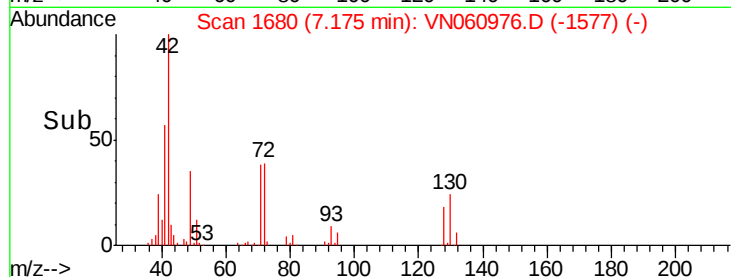
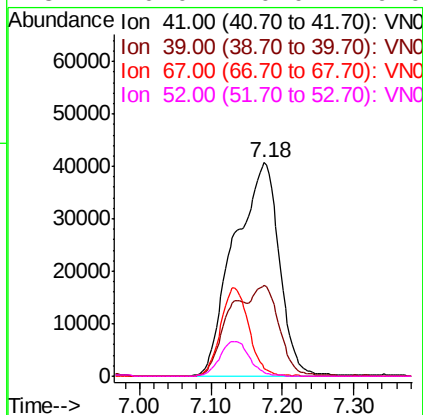
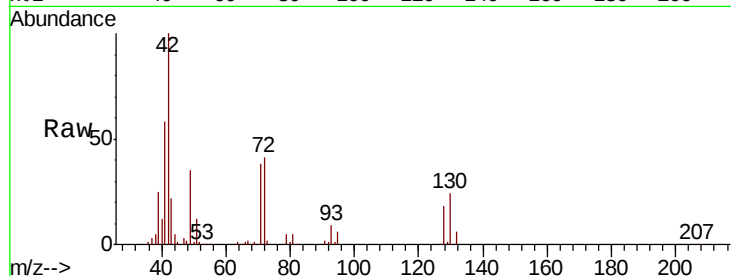




#41
Methacrylonitrile
Concen: 171.568 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

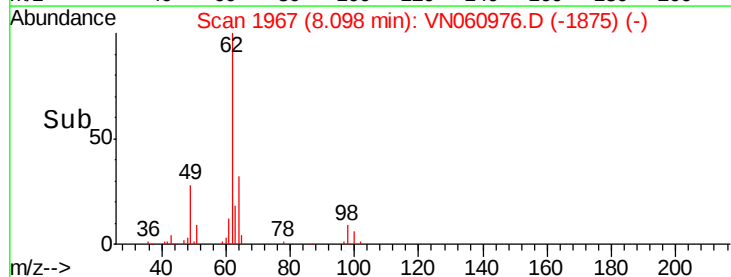
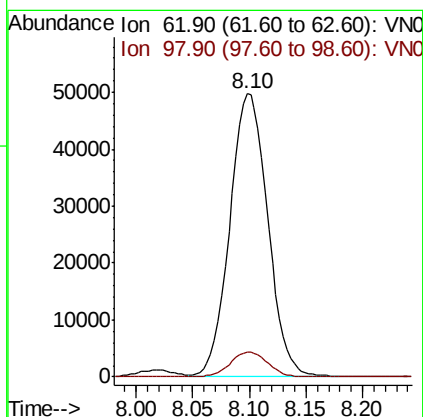
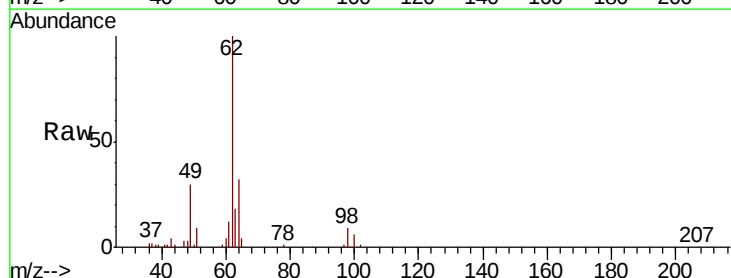
Instrument :
MSVOA_N
ClientSampled :

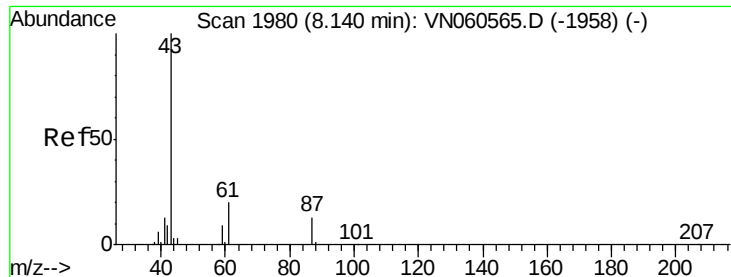
Tot Ion:	41	Resp:	178392
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.998 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion:	62	Resp:	116305
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 52.093 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

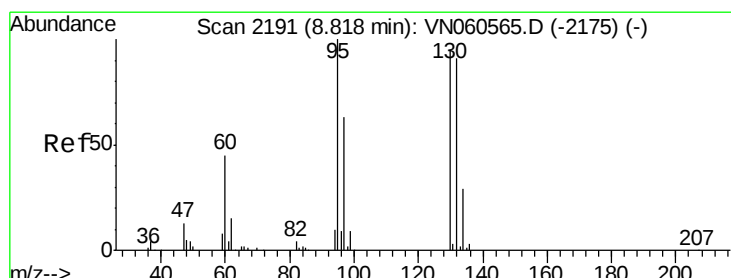
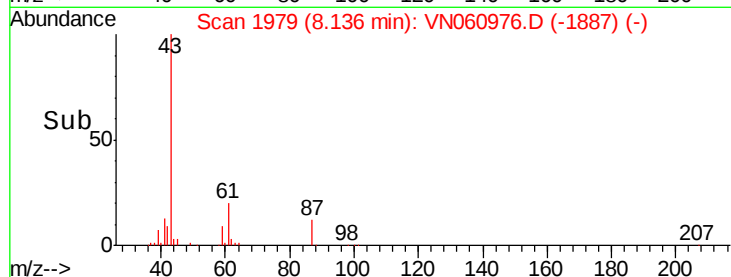
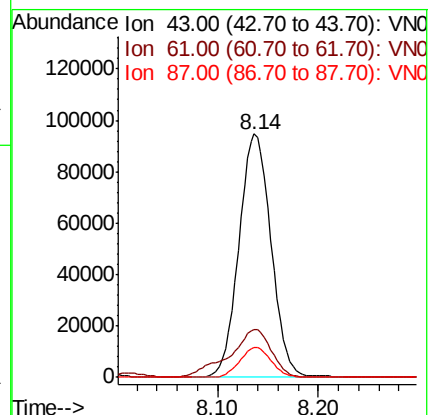
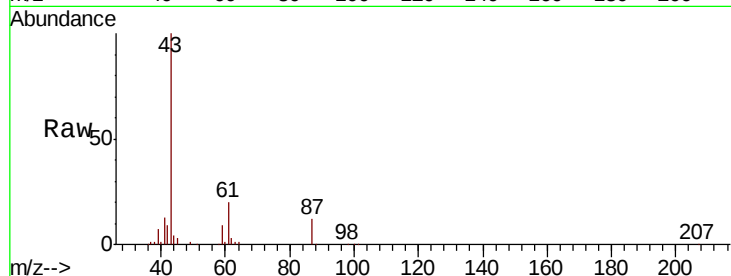
Tot Ion: 43 Resp: 209312

Ion Ratio Lower Upper

43 100

61 25.6 20.7 31.1

87 11.9 9.8 14.8



#44

Trichloroethene

Concen: 46.950 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060976.D

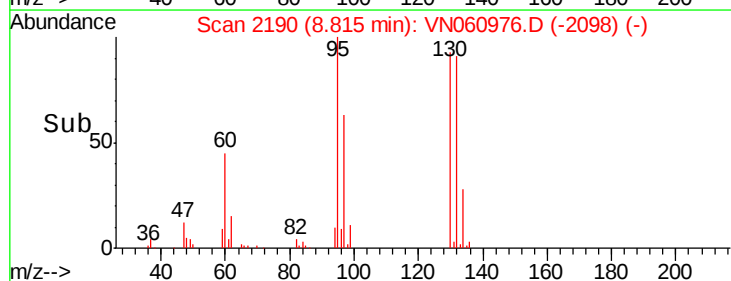
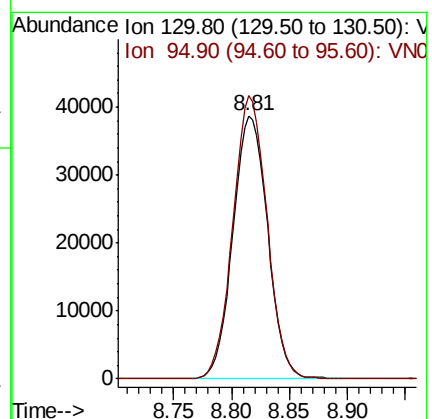
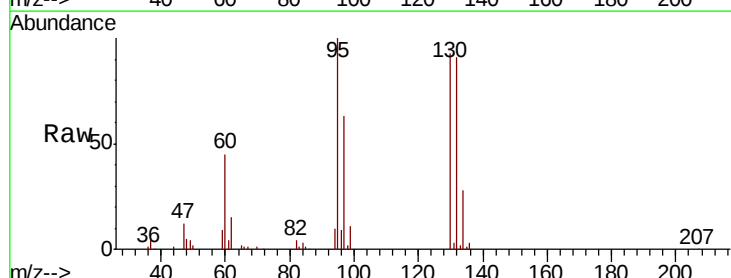
Acq: 15 Apr 2020 20:46

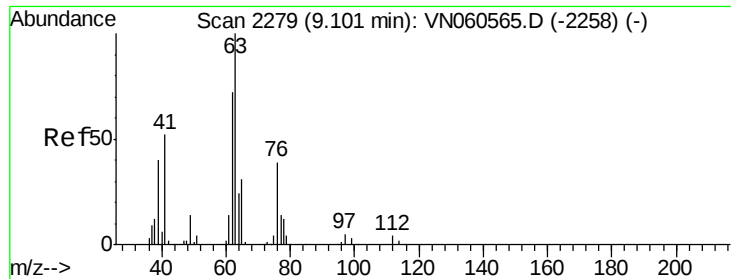
Tgt Ion: 130 Resp: 80562

Ion Ratio Lower Upper

130 100

95 107.6 0.0 211.2

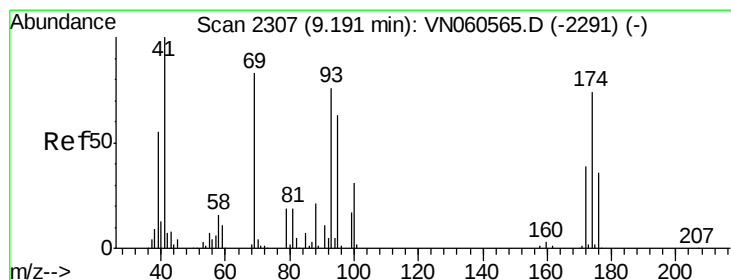
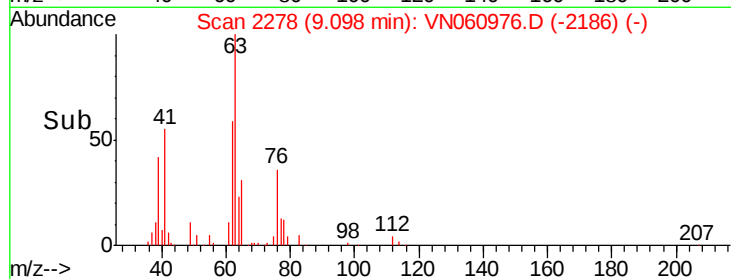
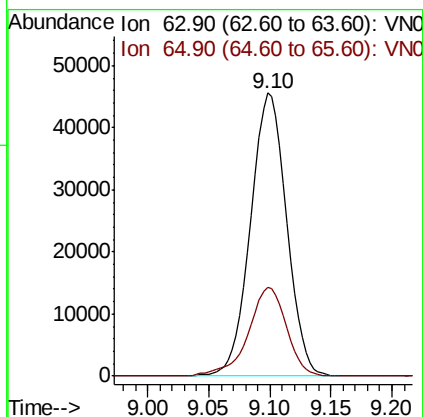
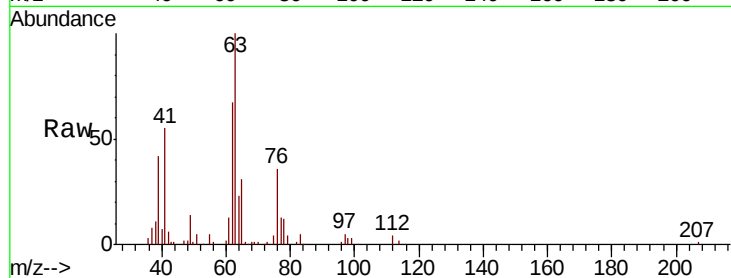




#45
 1,2-Dichloropropane
 Concen: 51.982 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

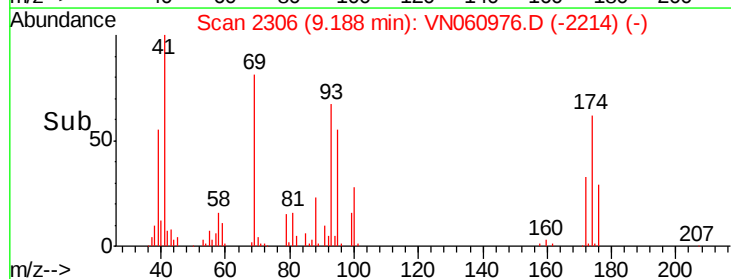
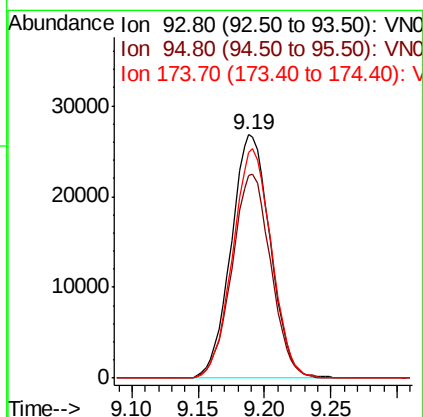
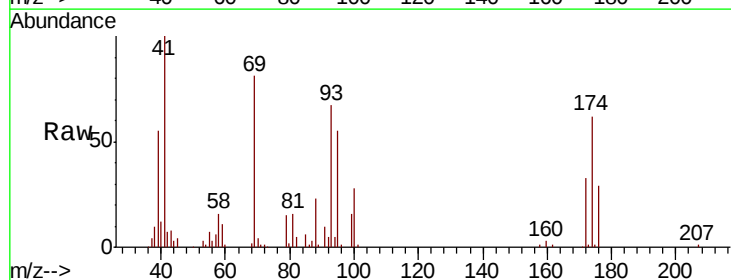
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 93363
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0



#46
 Dibromomethane
 Concen: 50.812 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 93 Resp: 55173
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.2 99.4
 174 93.0 77.9 116.9





#47

Bromodichloromethane

Concen: 51.475 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampled :

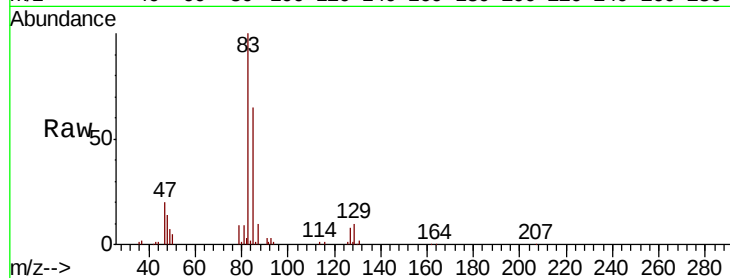
Tot Ion: 83 Resp: 116146

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

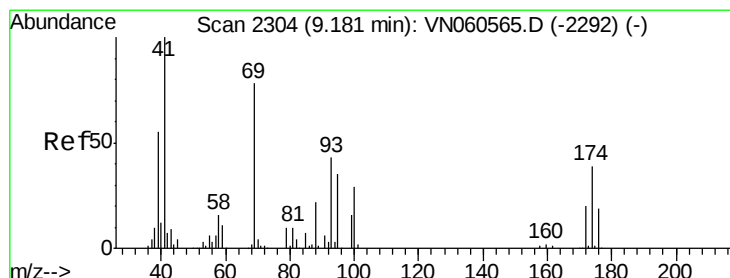
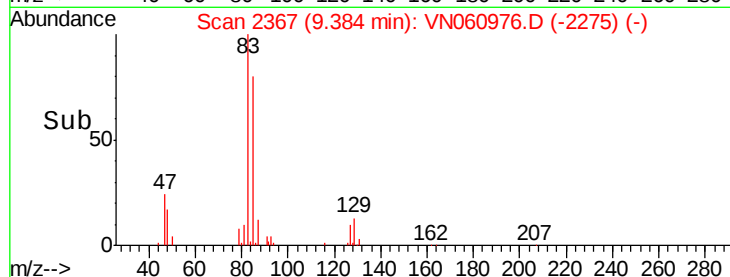
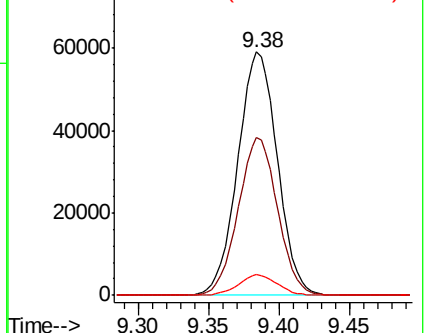
127 8.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060976.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060976.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060976.D (-2275) (-)



#48

Methyl methacrylate

Concen: 51.776 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

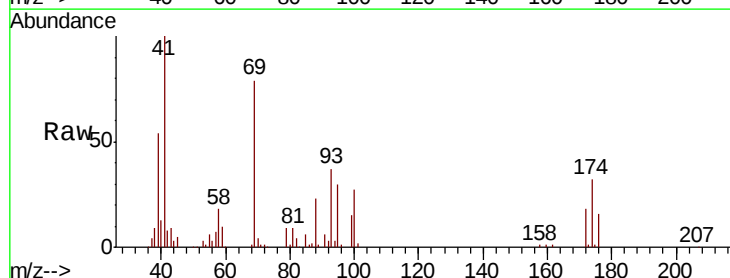
Tgt Ion: 41 Resp: 92624

Ion Ratio Lower Upper

41 100

69 81.1 65.4 98.0

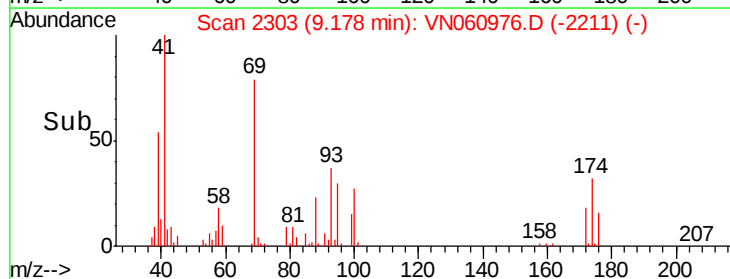
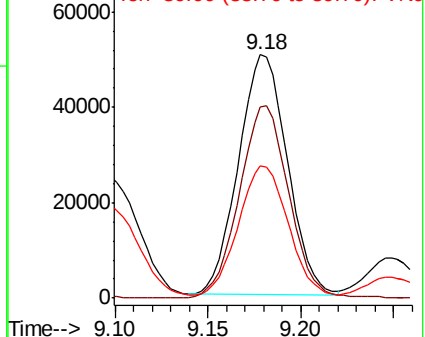
39 56.8 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060976.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060976.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060976.D (-2211) (-)

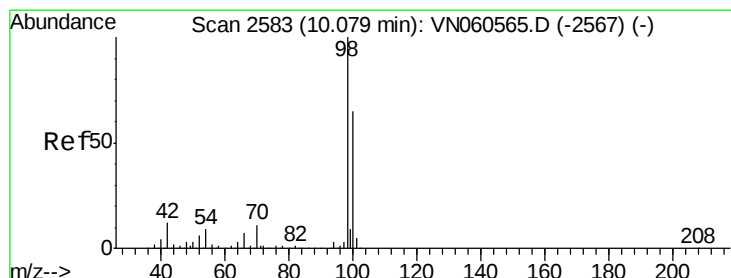
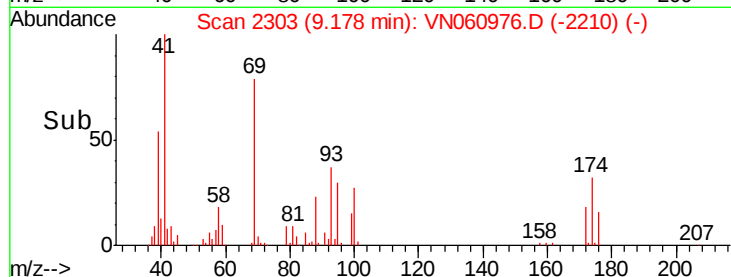
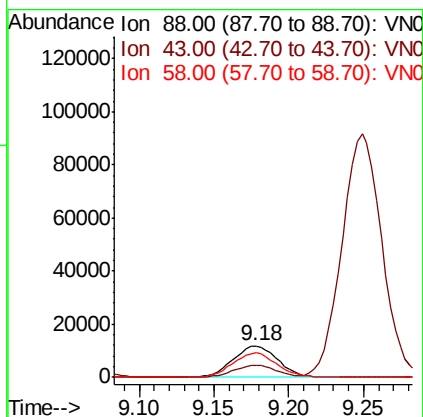
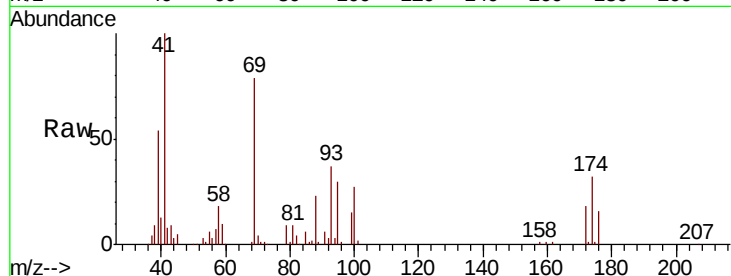




#49
 1,4-Dioxane
 Concen: 1158.593 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

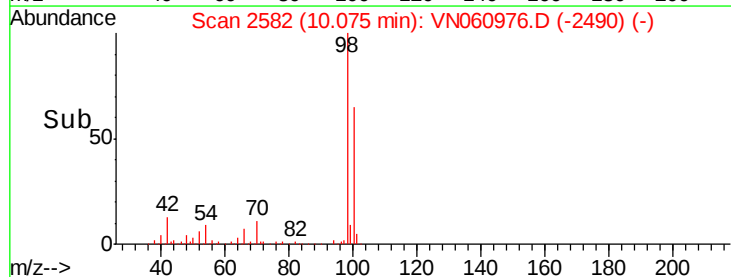
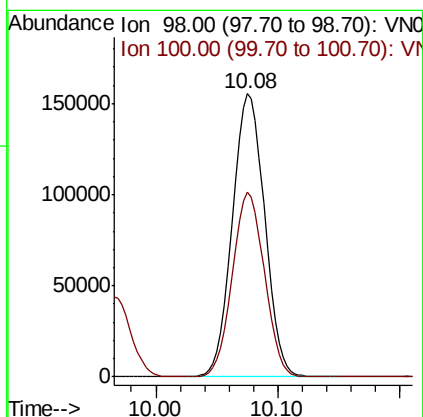
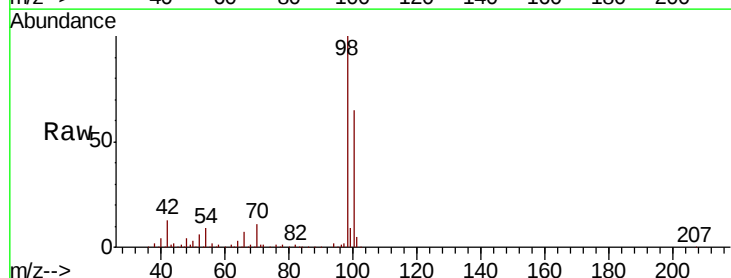
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 24636
 Ion Ratio Lower Upper
 88 100
 43 37.4 30.8 46.2
 58 76.2 59.8 89.8



#50
 Toluene-d8
 Concen: 49.739 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 98 Resp: 286062
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 271.786 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

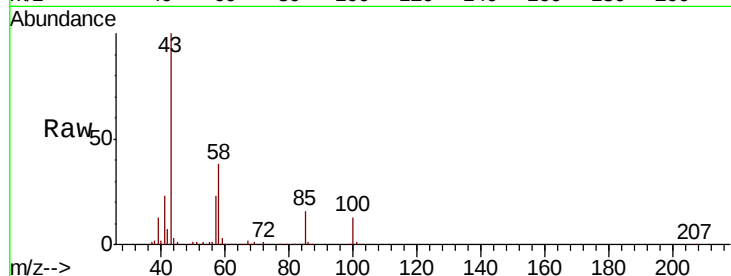
ClientSampleId :

Tot Ion: 43 Resp: 621423

Ion Ratio Lower Upper

43 100

58 37.9 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060976.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060976.D (-2456) (-)

9.97

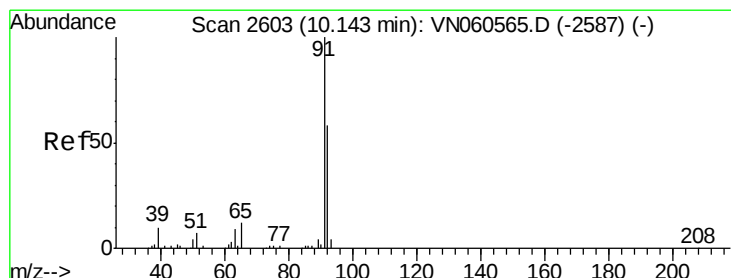
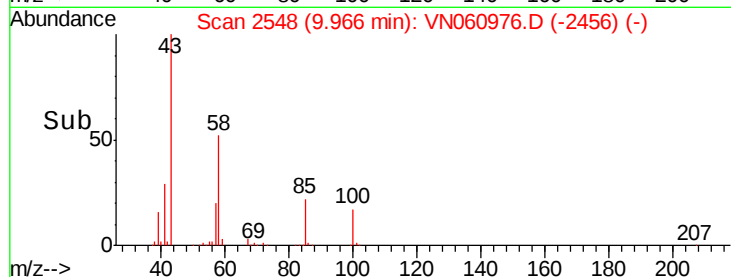
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.713 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060976.D

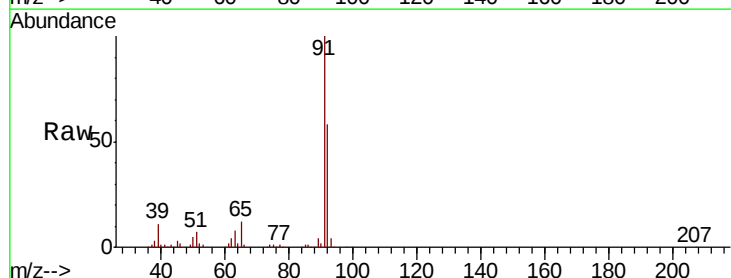
Acq: 15 Apr 2020 20:46

Tgt Ion: 92 Resp: 200250

Ion Ratio Lower Upper

92 100

91 172.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060976.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060976.D (-2510) (-)

10.14

200000

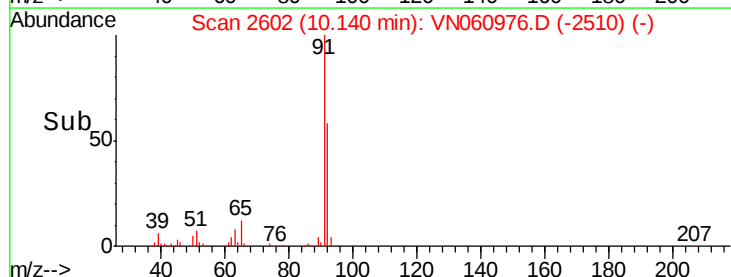
150000

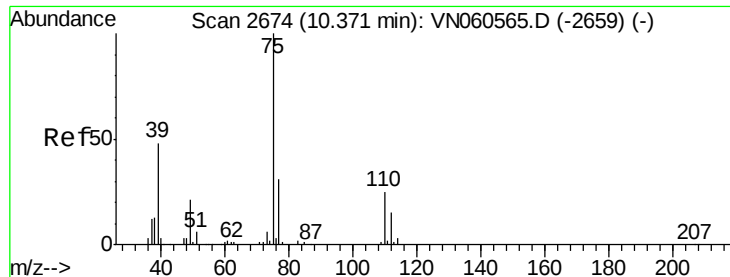
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.871 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

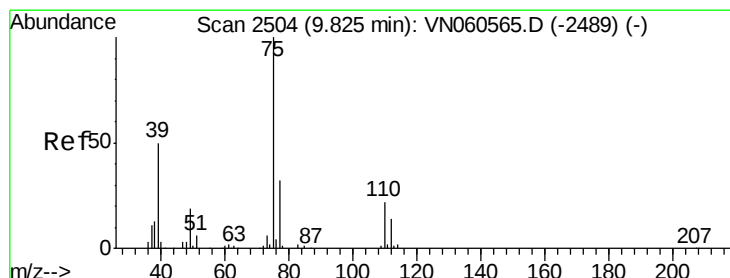
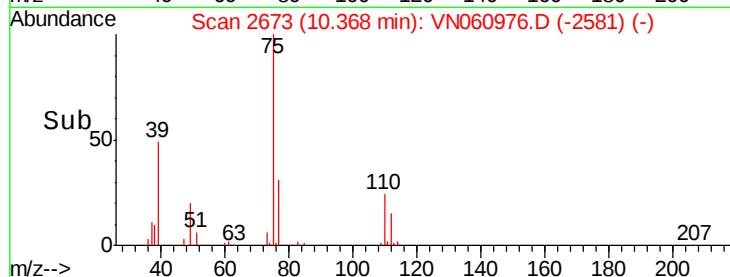
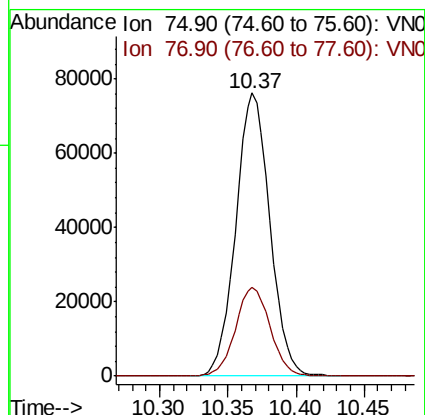
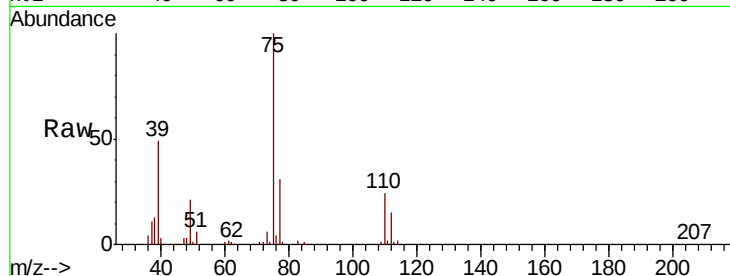
ClientSampleId :

Tot Ion: 75 Resp: 131850

Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 49.648 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

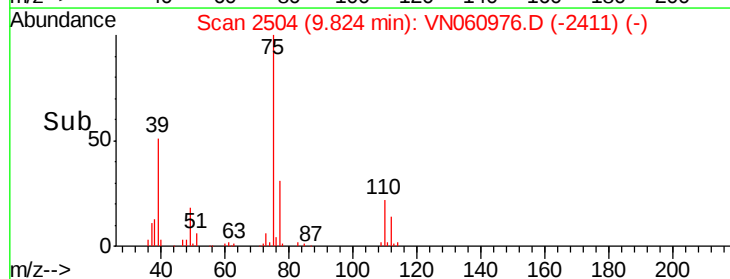
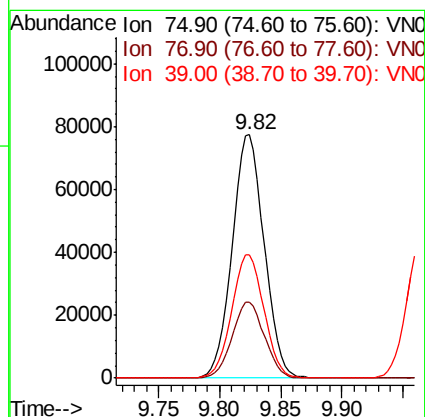
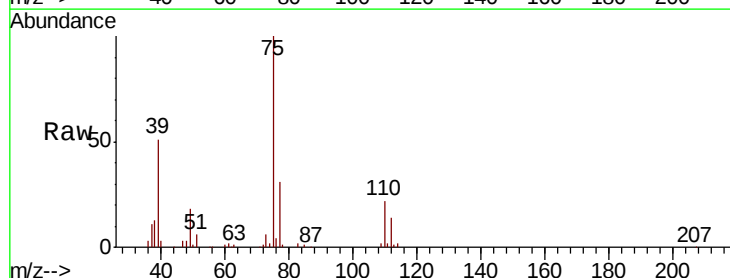
Tgt Ion: 75 Resp: 141168

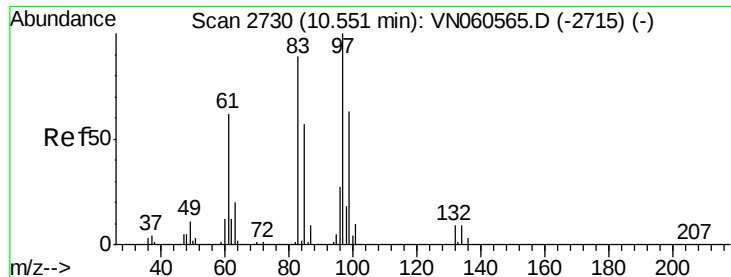
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 50.8 40.2 60.4

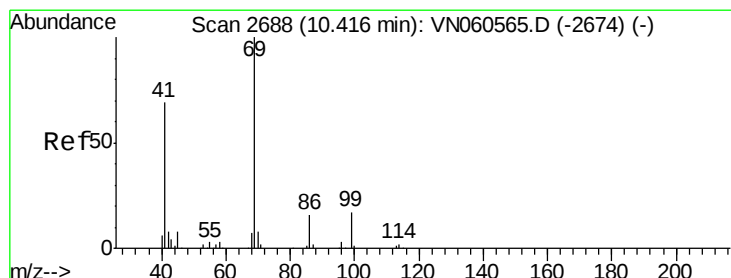
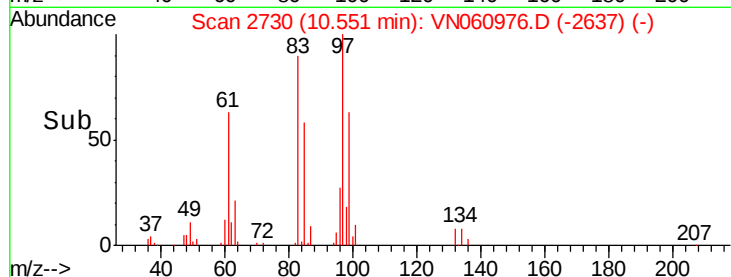
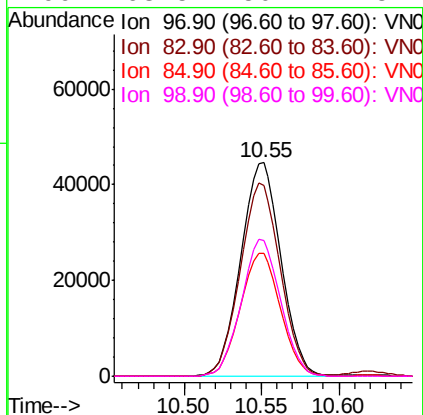
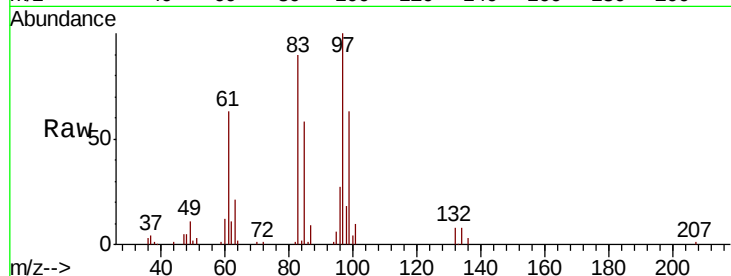




#55
 1,1,2-Trichloroethane
 Concen: 51.047 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

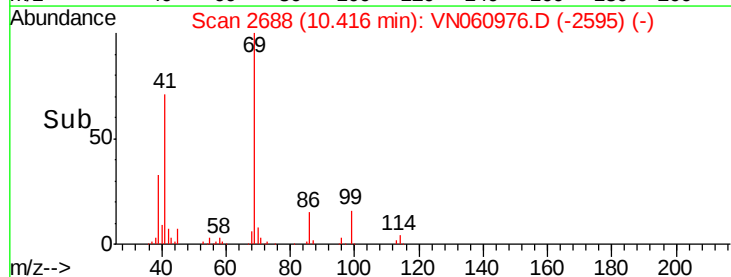
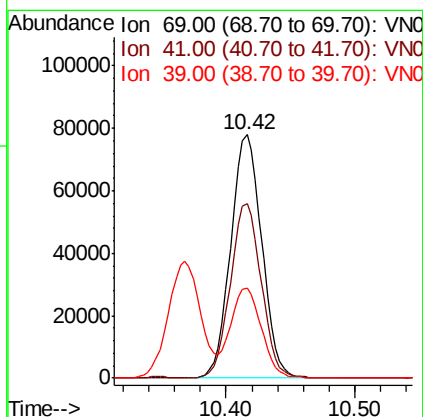
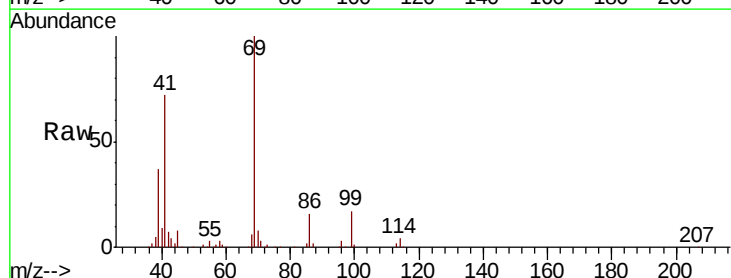
Instrument :
 MSVOA_N
 ClientSampleId :

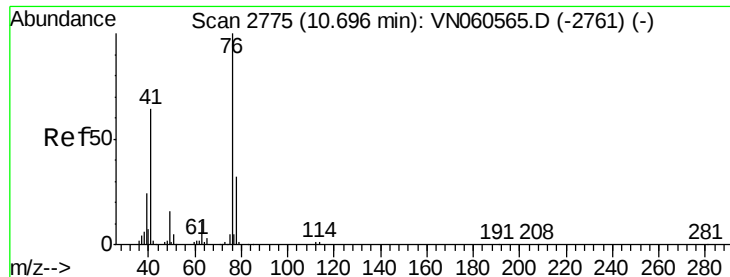
Tot Ion:	97	Resp:	80730
Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.3	106.9
85	57.7	45.2	67.8
99	63.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 52.908 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion:	69	Resp:	130466
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	36.4	29.4	44.0





#57

1,3-Dichloropropane

Concen: 50.701 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

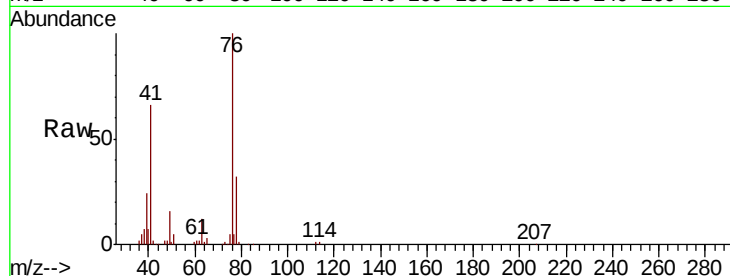
ClientSampled :

Tot Ion: 76 Resp: 139142

Ion Ratio Lower Upper

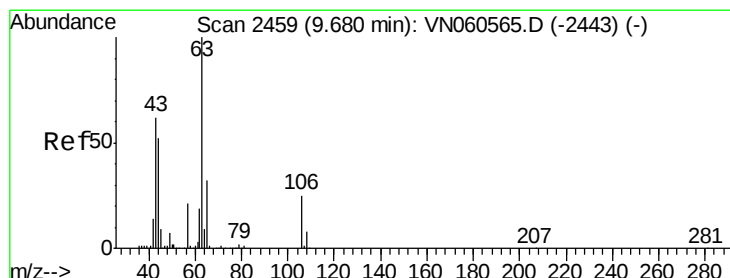
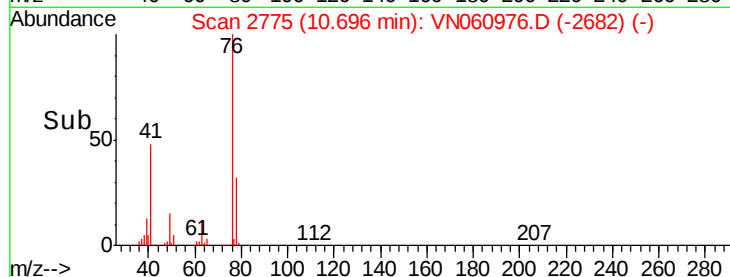
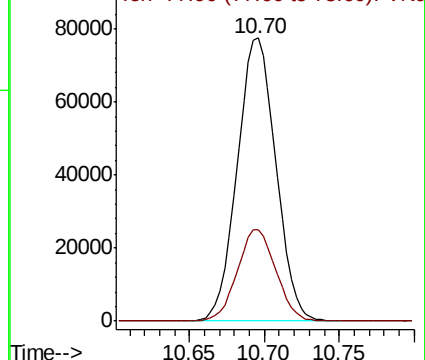
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 244.438 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060976.D

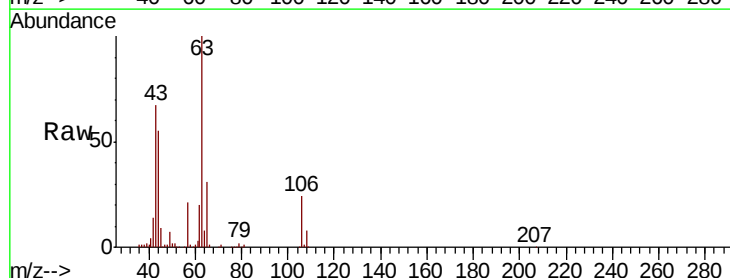
Acq: 15 Apr 2020 20:46

Tgt Ion: 63 Resp: 299578

Ion Ratio Lower Upper

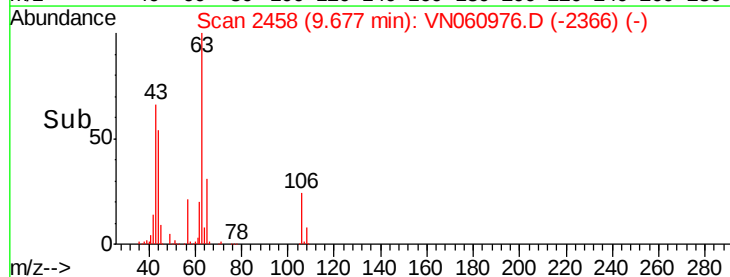
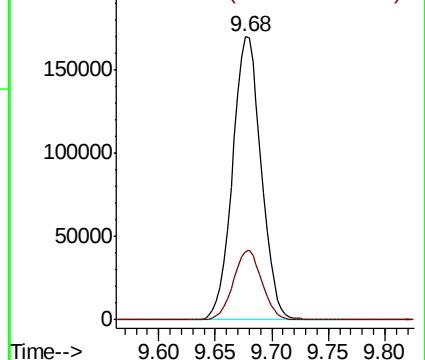
63 100

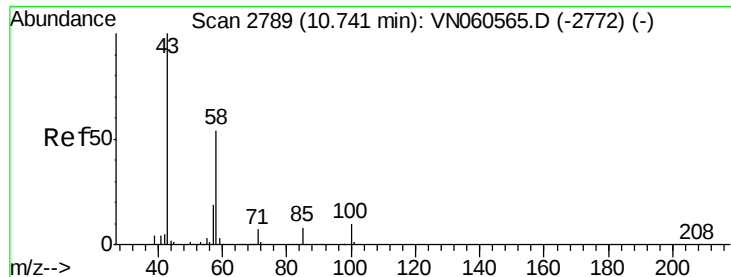
106 24.5 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

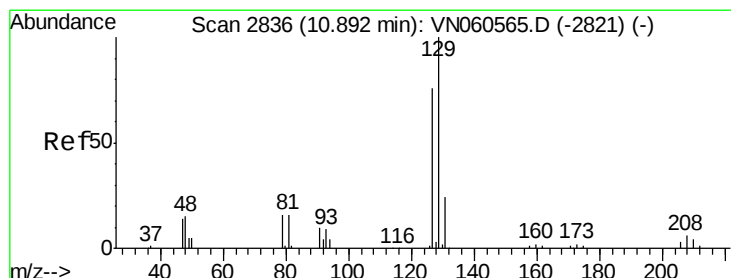
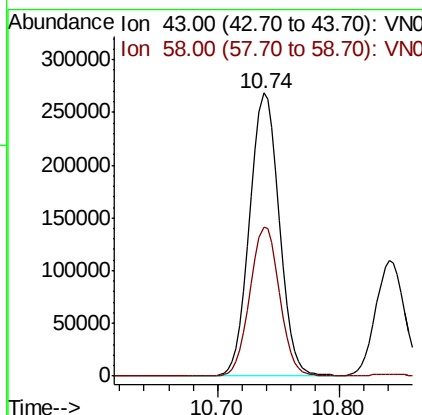
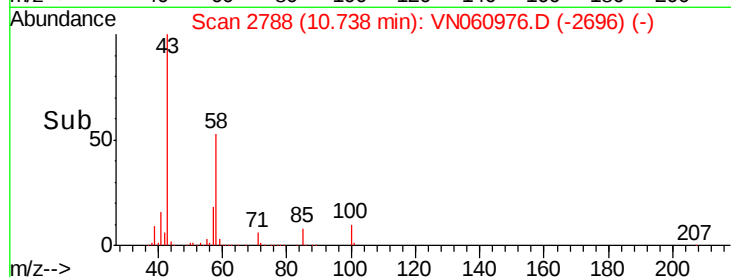
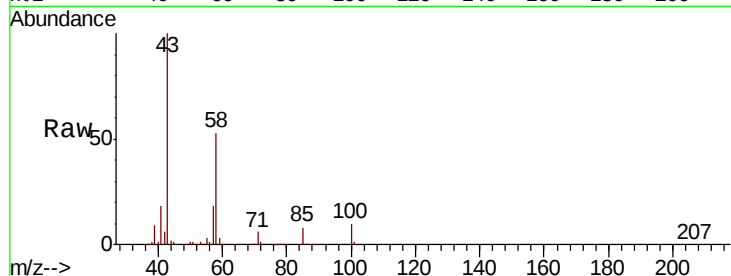




#59
2-Hexanone
Concen: 272.005 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

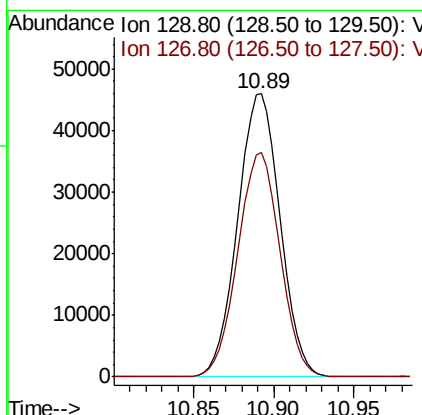
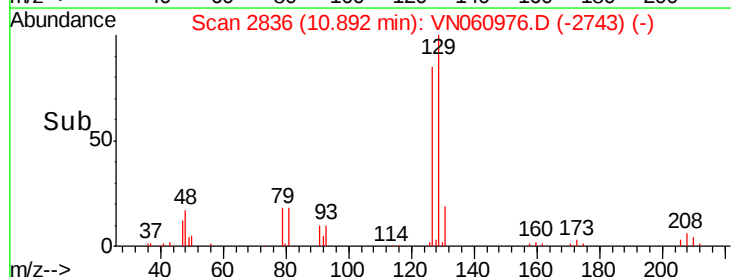
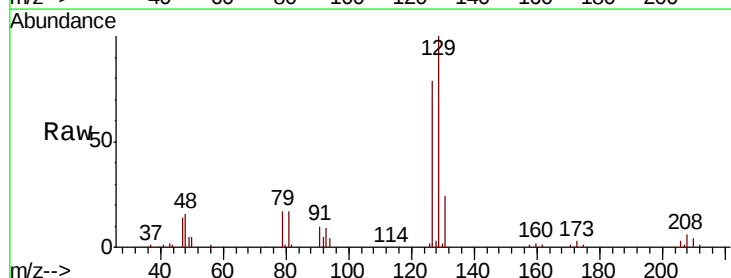
Instrument :
MSVOA_N
ClientSampled :

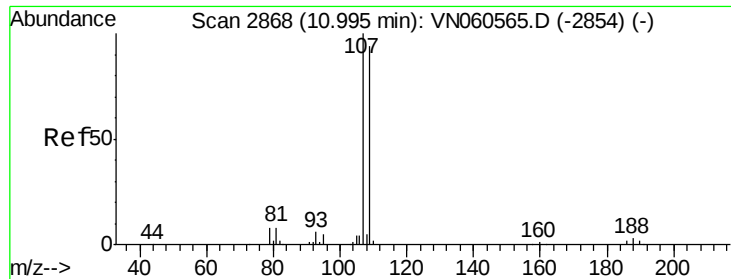
Tot Ion: 43 Resp: 448004
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 51.048 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion: 129 Resp: 83392
Ion Ratio Lower Upper
129 100
127 78.9 38.5 115.5

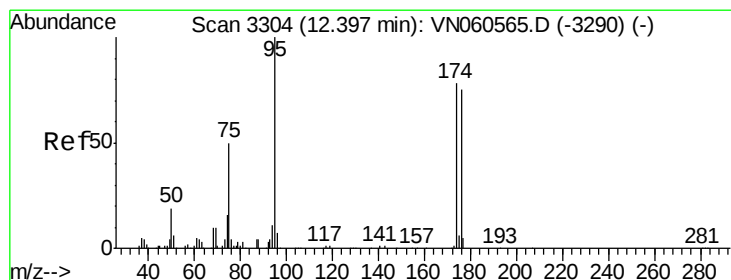
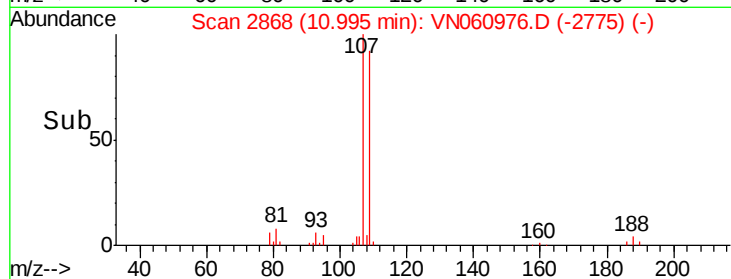
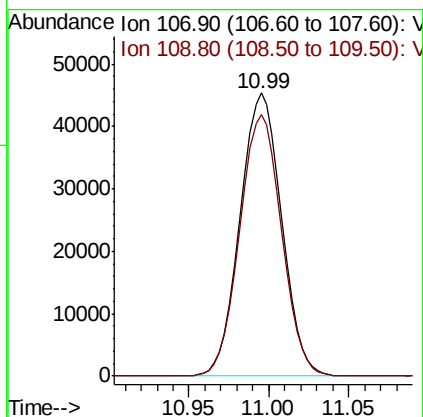
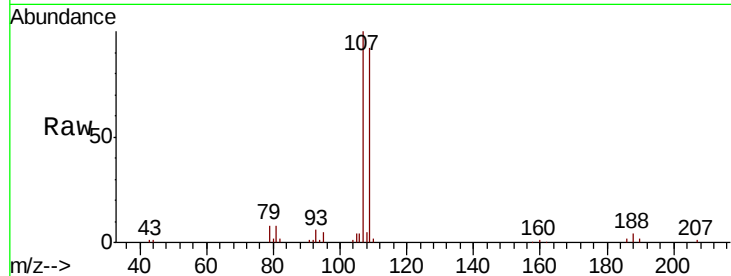




#61
 1,2-Dibromoethane
 Concen: 50.507 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

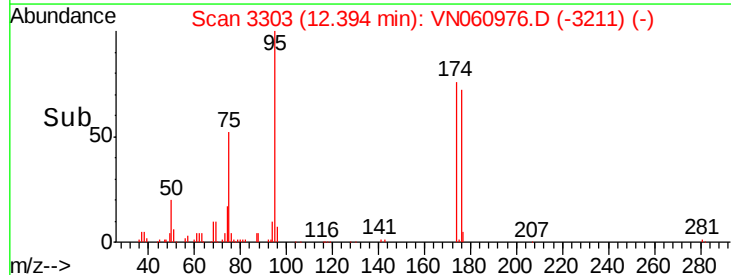
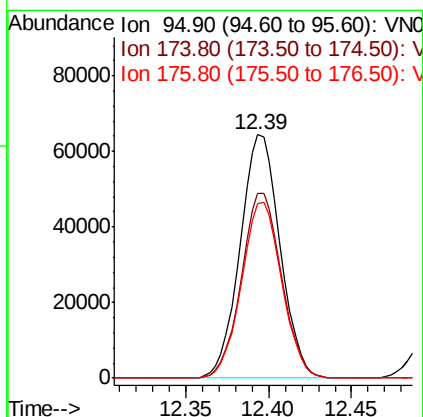
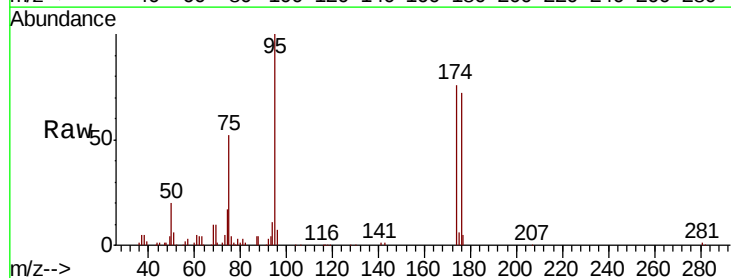
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:107 Resp: 80320
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 51.005 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion: 95 Resp: 107506
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 157.6
 176 72.9 0.0 150.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

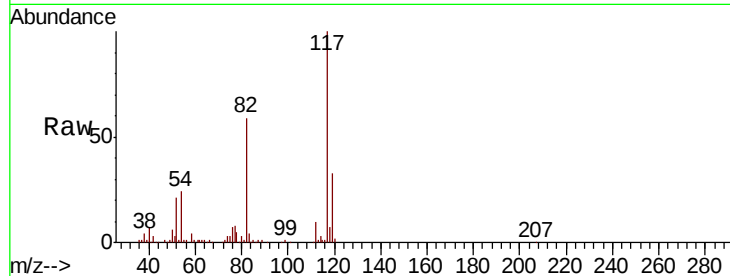
Tot Ion:117 Resp: 214134

Ion Ratio Lower Upper

117 100

82 58.8 46.7 70.1

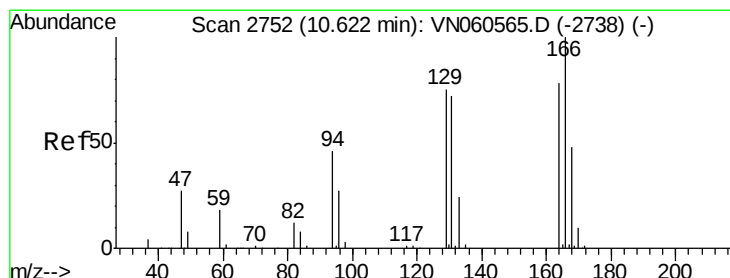
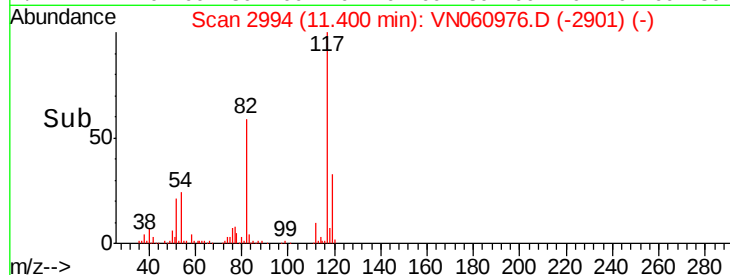
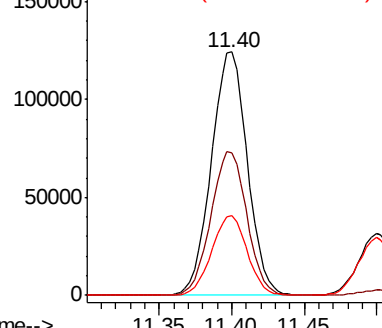
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.646 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Tgt Ion:164 Resp: 71860

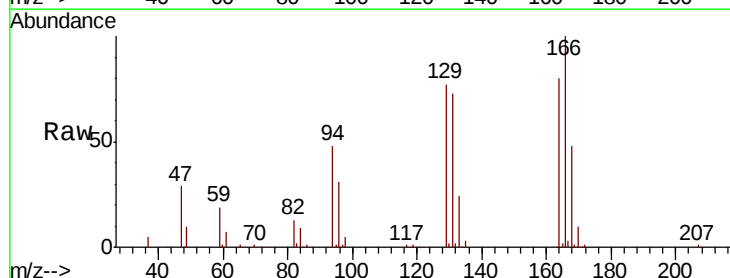
Ion Ratio Lower Upper

164 100

166 125.8 102.7 154.1

129 97.1 77.2 115.8

131 92.4 73.8 110.6

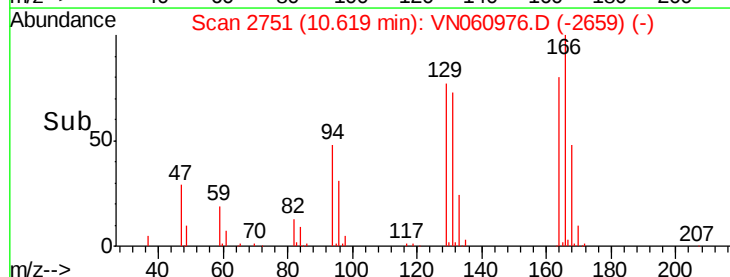
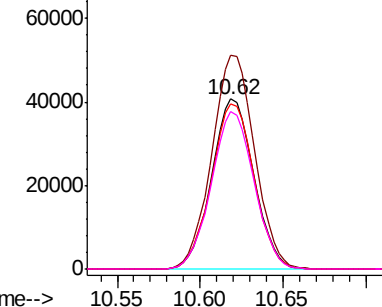


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

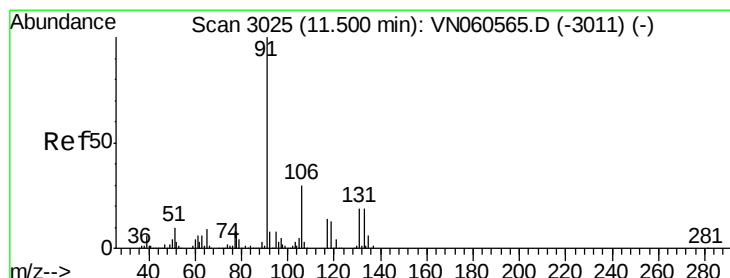
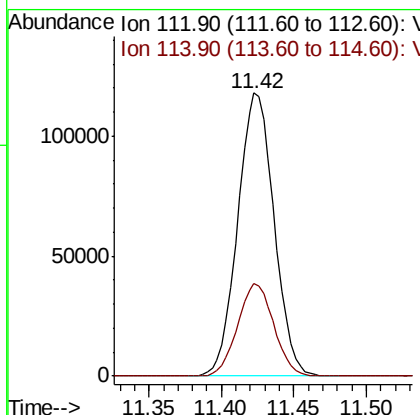
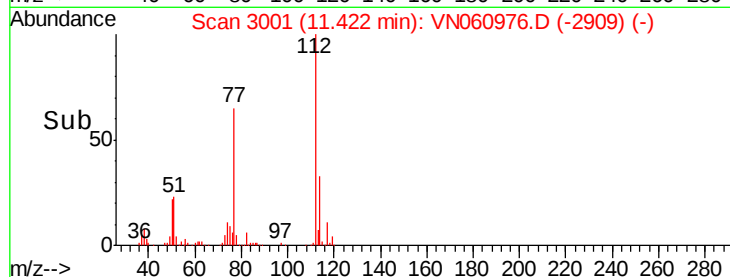
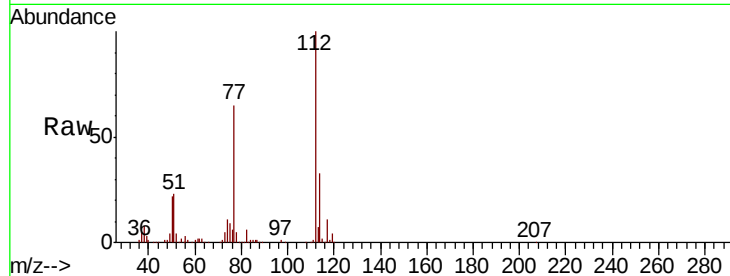




#65
Chlorobenzene
Concen: 48.345 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

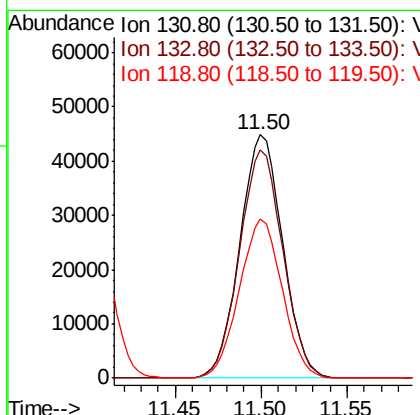
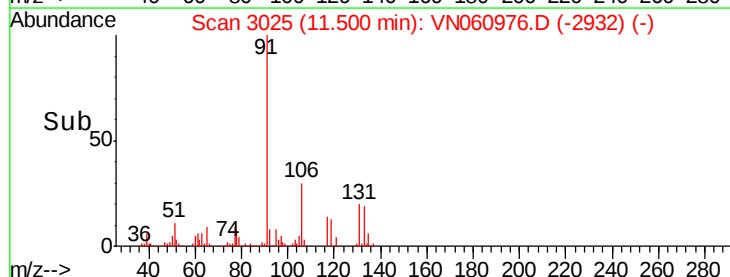
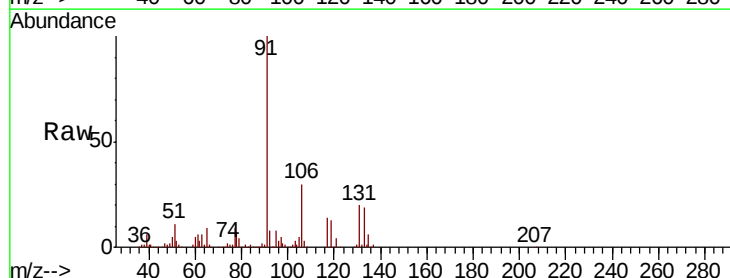
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 205224
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.452 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion:131 Resp: 77543
Ion Ratio Lower Upper
131 100
133 95.0 48.9 146.8
119 65.5 33.9 101.7





#67

Ethyl Benzene

Concen: 49.085 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

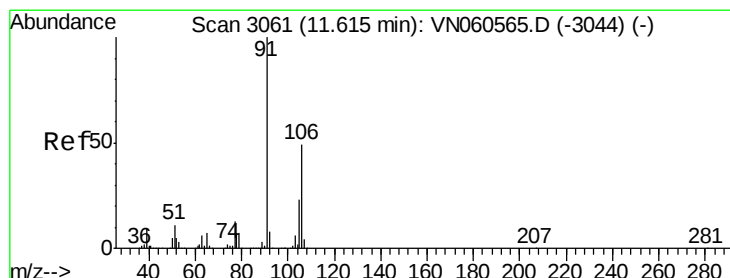
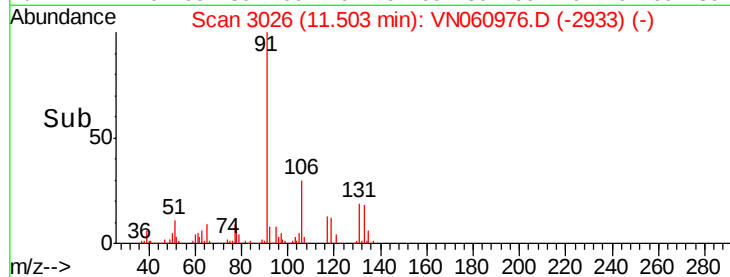
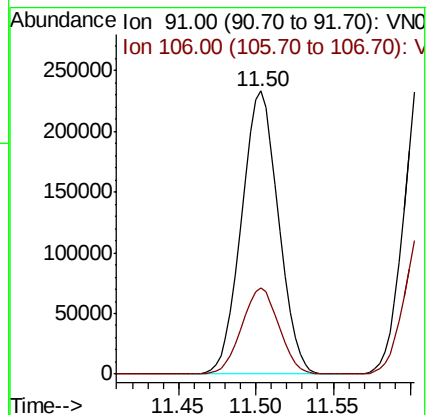
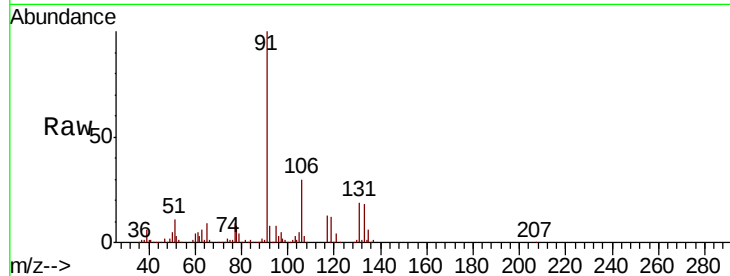
ClientSampled :

Tot Ion: 91 Resp: 387491

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



#68

m/p-Xylenes

Concen: 96.764 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060976.D

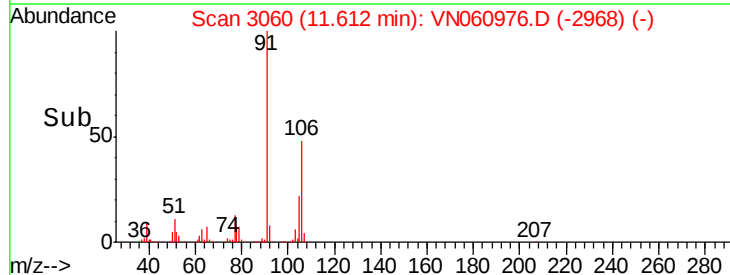
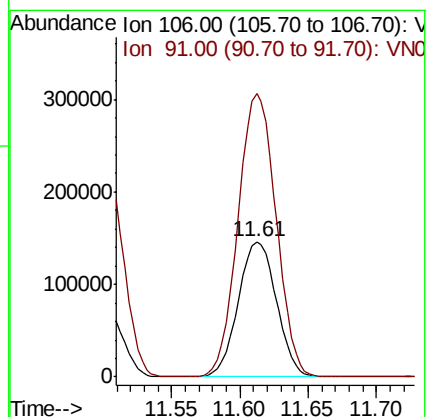
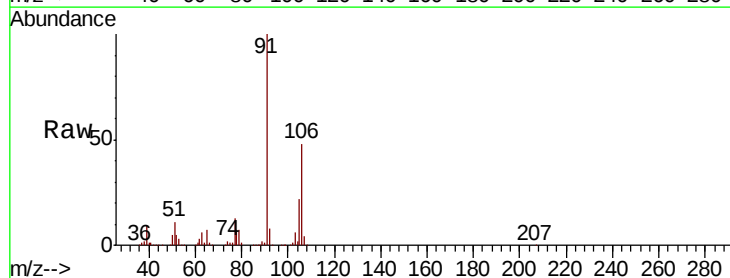
Acq: 15 Apr 2020 20:46

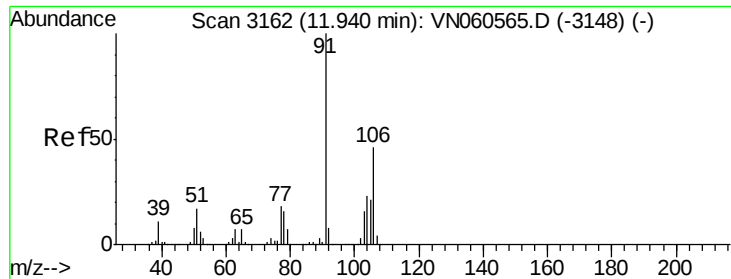
Tgt Ion: 106 Resp: 283859

Ion Ratio Lower Upper

106 100

91 208.8 165.0 247.4

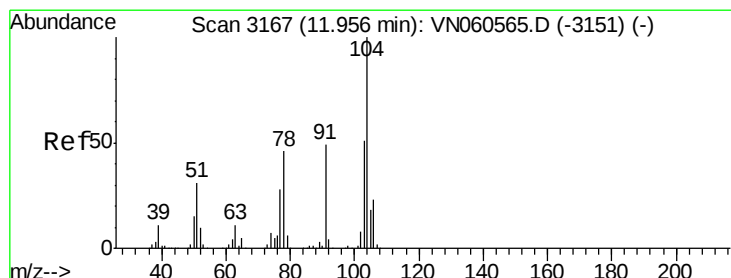
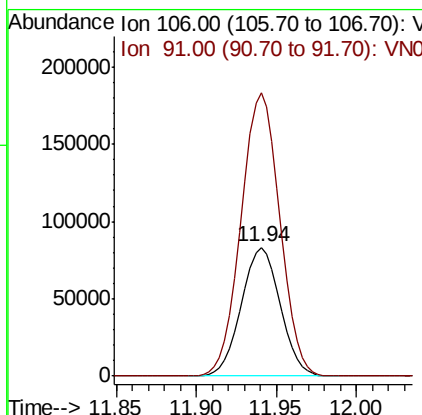
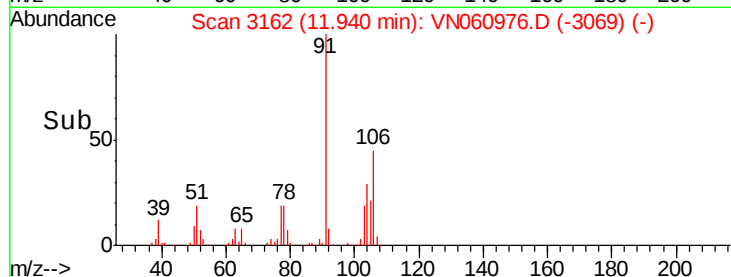
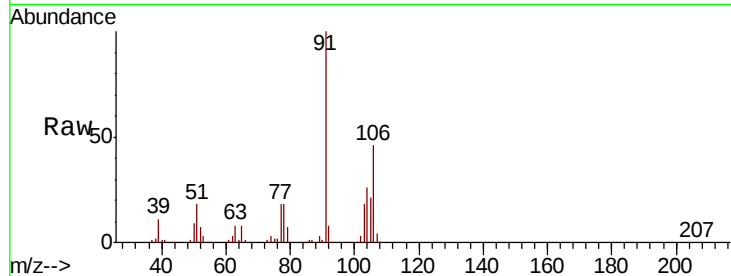




#69
o-Xylene
Concen: 49.014 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

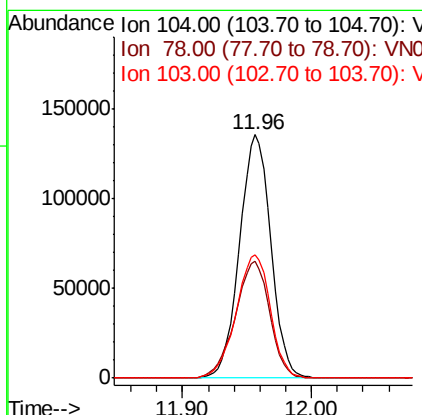
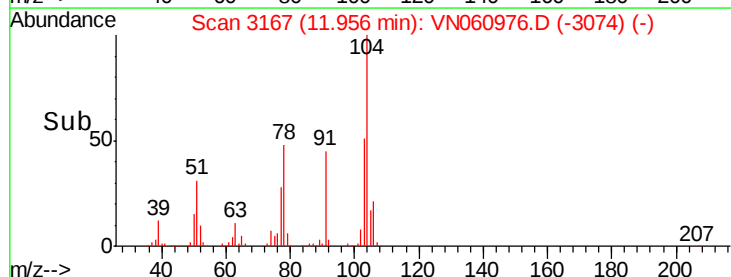
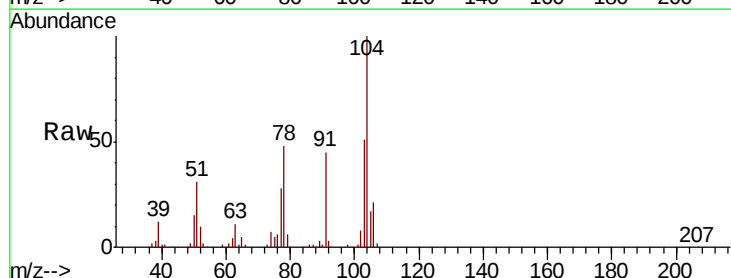
Instrument :
MSVOA_N
ClientSampled :

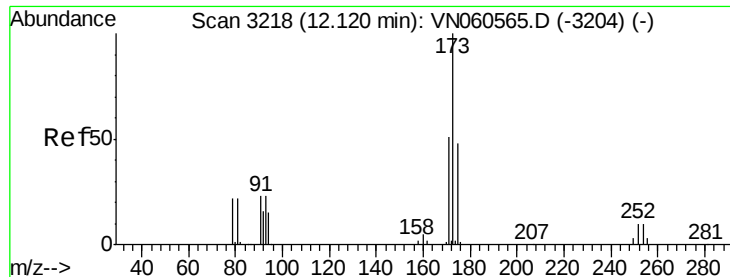
Tot Ion:106 Resp: 137259
Ion Ratio Lower Upper
106 100
91 220.2 109.5 328.4



#70
Styrene
Concen: 50.069 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion:104 Resp: 229320
Ion Ratio Lower Upper
104 100
78 52.8 41.2 61.8
103 55.5 44.0 66.0

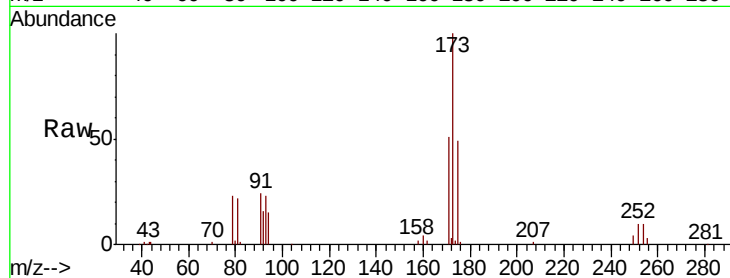




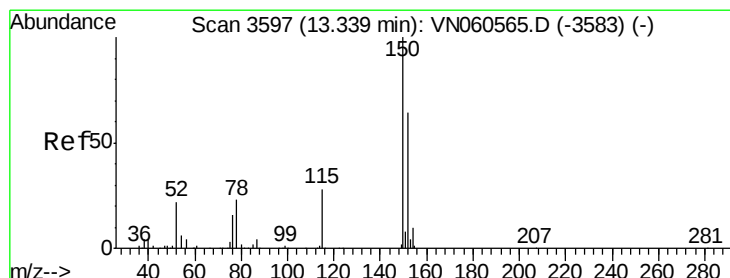
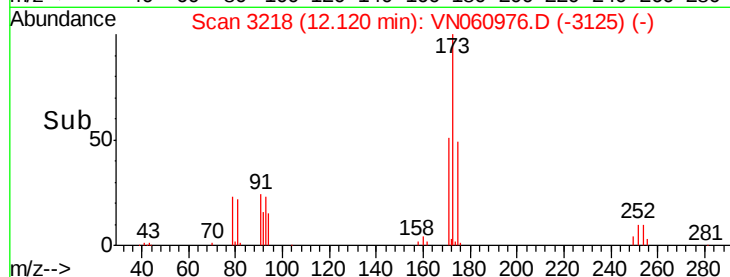
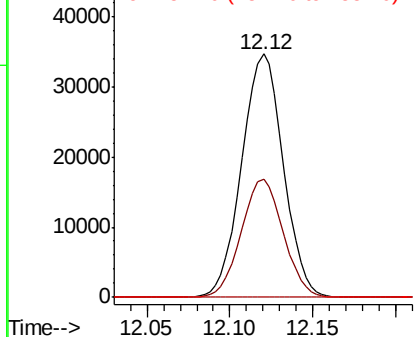
#71
Bromoform
Concen: 47.461 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 60515
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.0 0.0

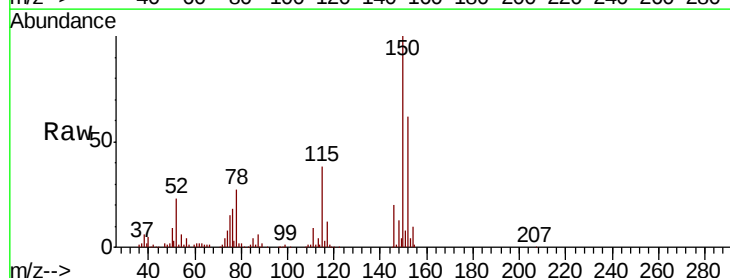


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

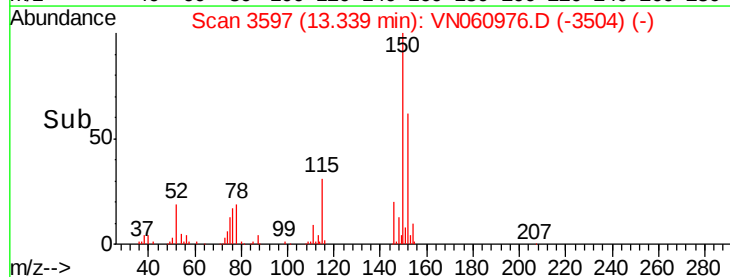
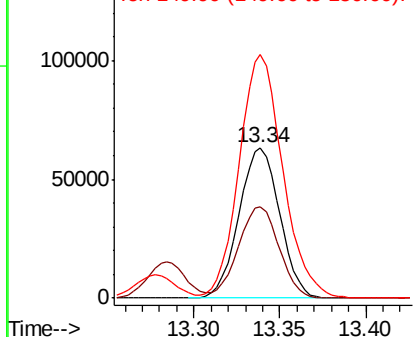


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion:152 Resp: 104203
Ion Ratio Lower Upper
152 100
115 61.2 30.2 90.6
150 173.8 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.264 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

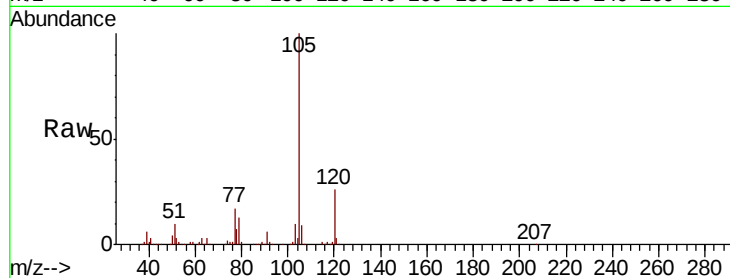
ClientSampled :

Tot Ion:105 Resp: 369606

Ion Ratio Lower Upper

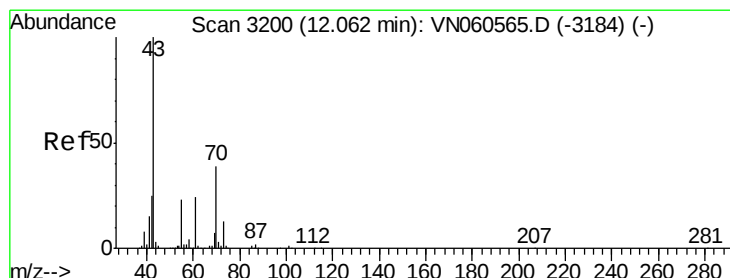
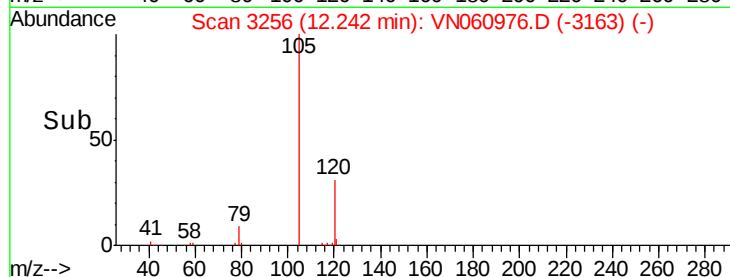
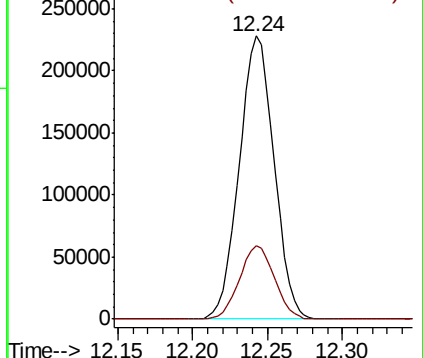
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.699 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Tgt Ion: 43 Resp: 179589

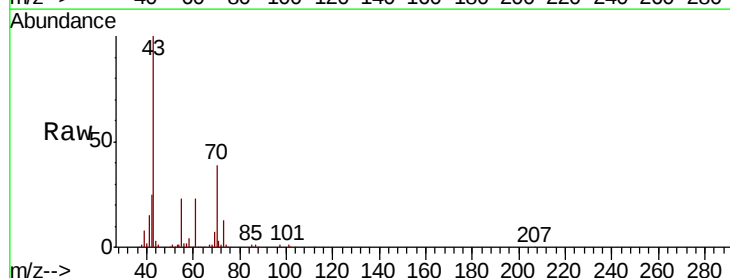
Ion Ratio Lower Upper

43 100

70 38.7 31.1 46.7

55 23.4 18.6 27.8

61 23.2 18.9 28.3

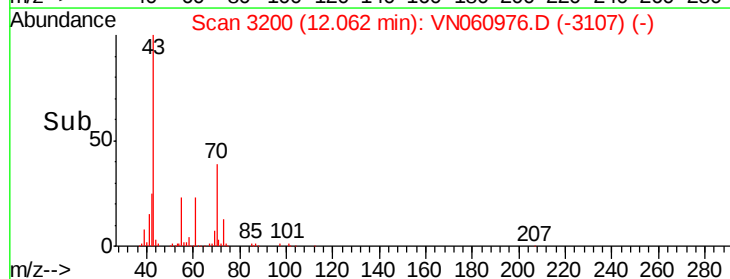
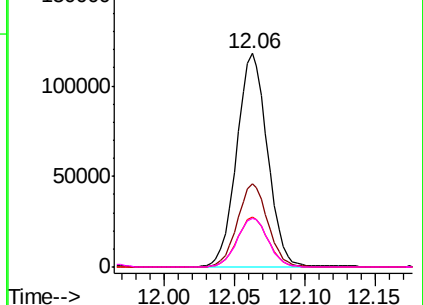


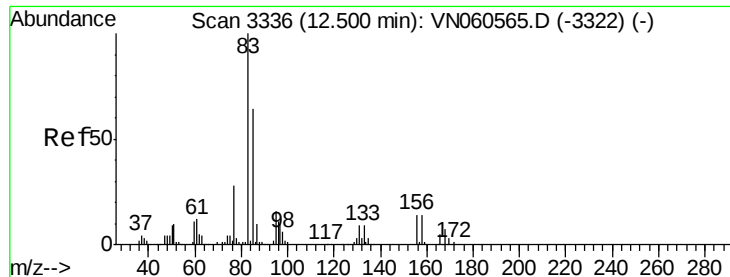
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.922 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

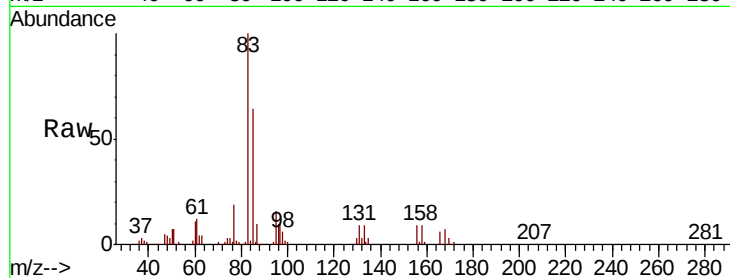
Tot Ion: 83 Resp: 120423

Ion Ratio Lower Upper

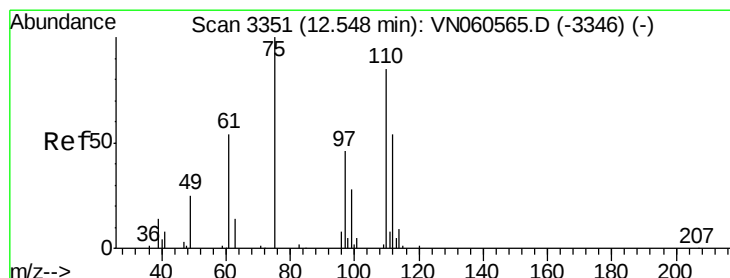
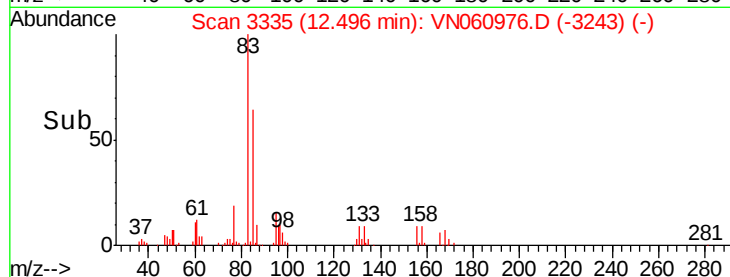
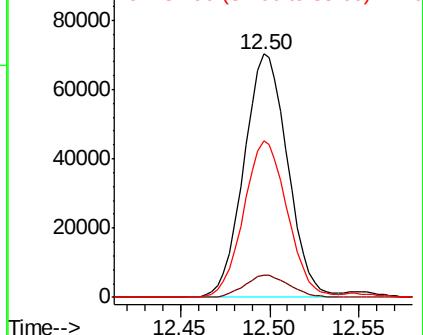
83 100

131 9.3 4.9 14.7

85 64.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 71.227 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060976.D

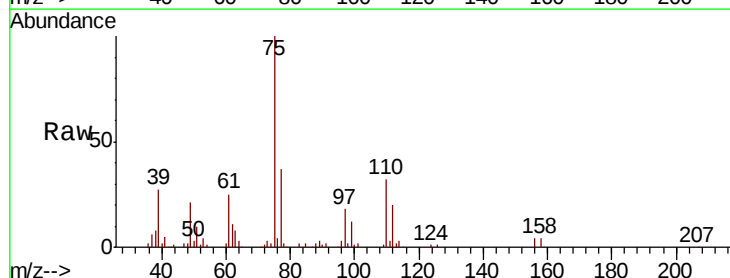
Acq: 15 Apr 2020 20:46

Tgt Ion: 75 Resp: 160154

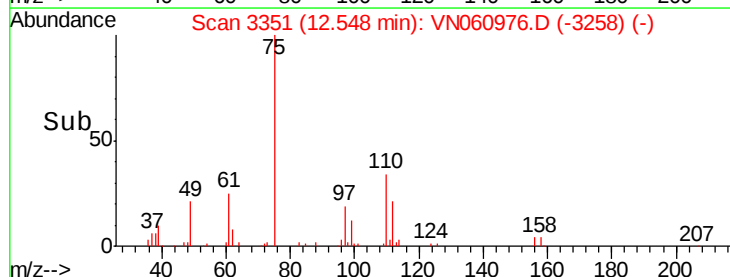
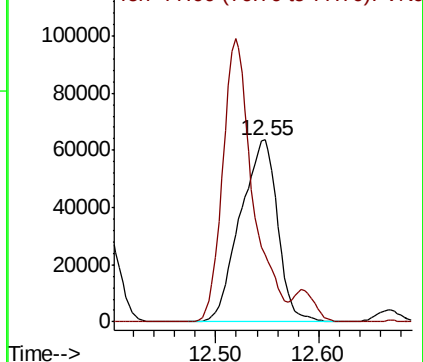
Ion Ratio Lower Upper

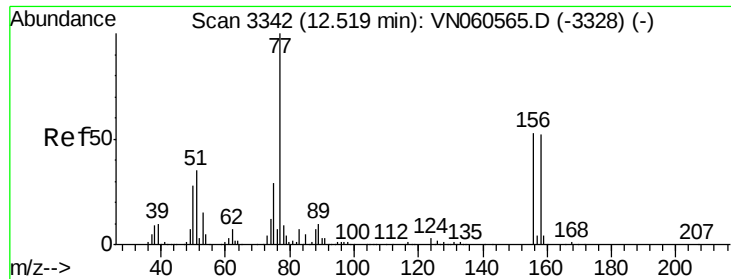
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 47.093 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

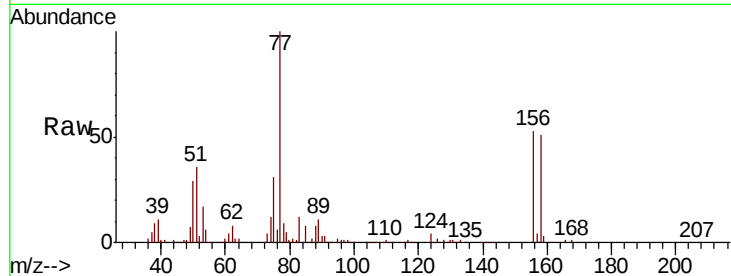
Tot Ion:156 Resp: 88739

Ion Ratio Lower Upper

156 100

77 227.9 112.3 337.0

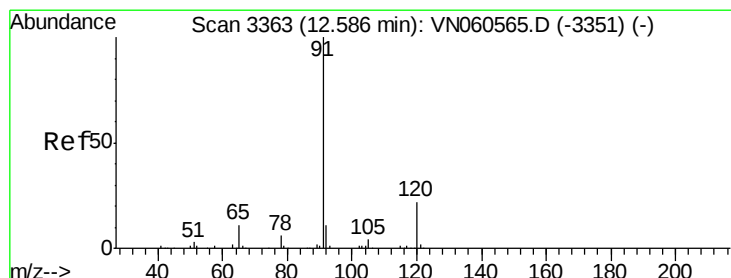
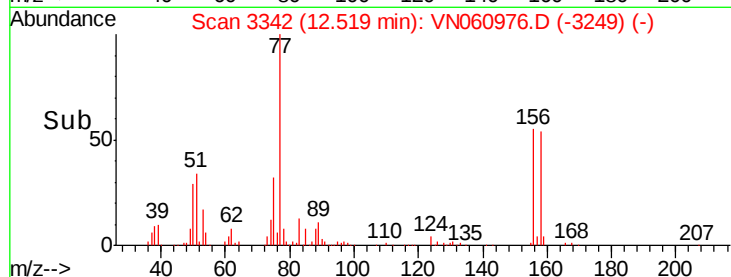
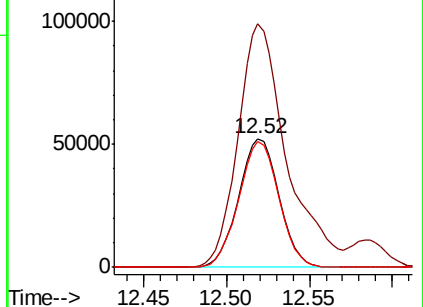
158 96.7 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.602 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060976.D

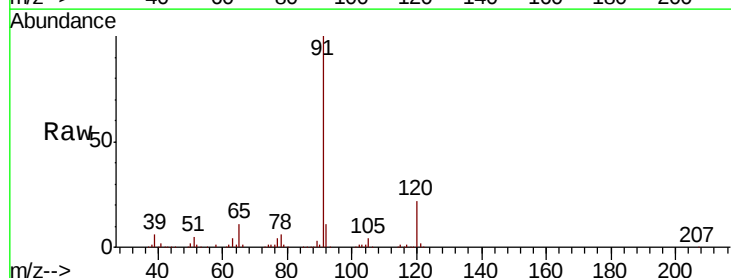
Acq: 15 Apr 2020 20:46

Tgt Ion: 91 Resp: 439791

Ion Ratio Lower Upper

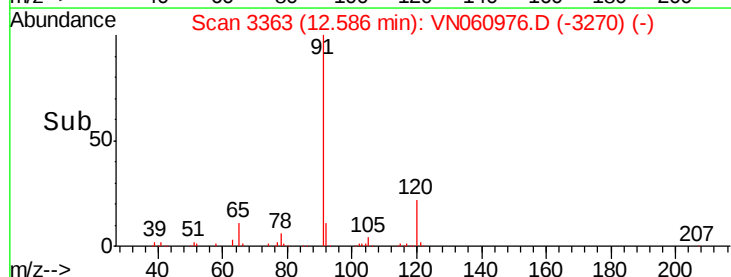
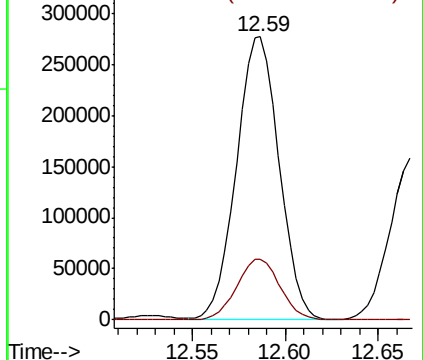
91 100

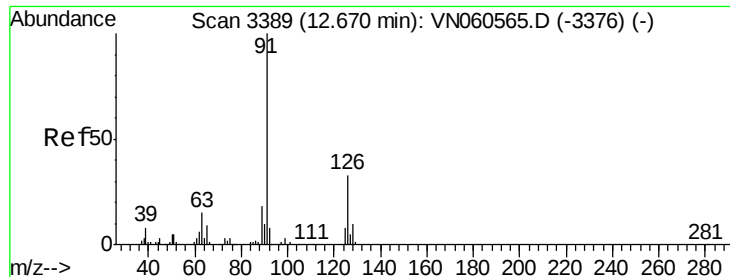
120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

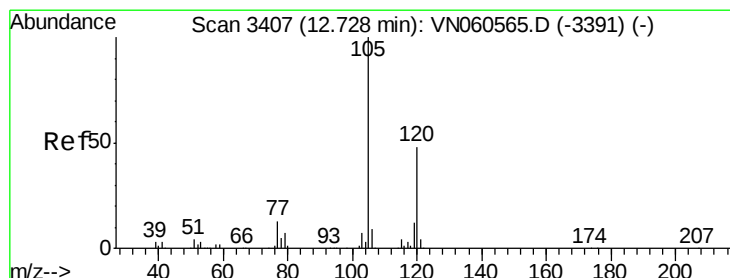
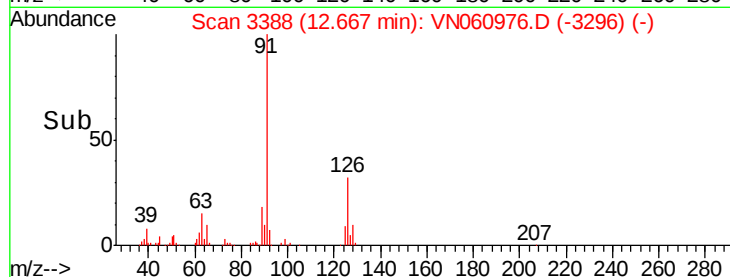
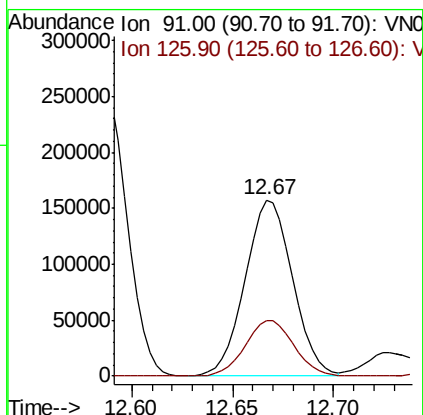
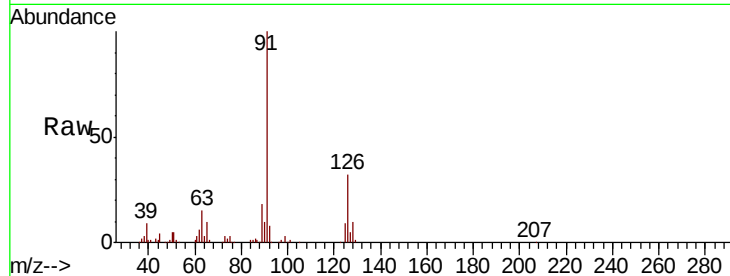




#79
 2-Chlorotoluene
 Concen: 46.850 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

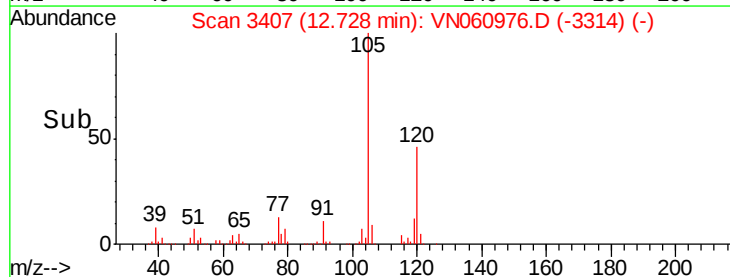
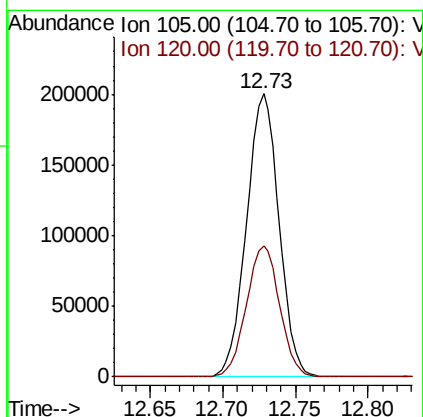
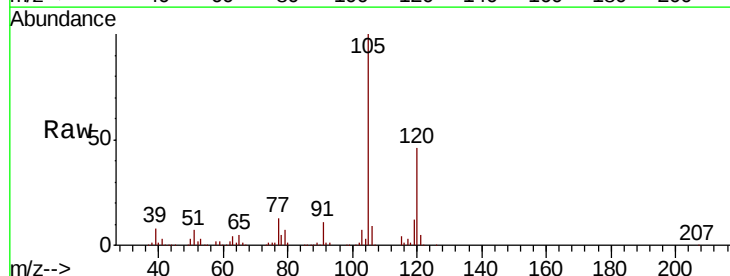
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 258622
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.140 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion:105 Resp: 312836
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 47.368 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

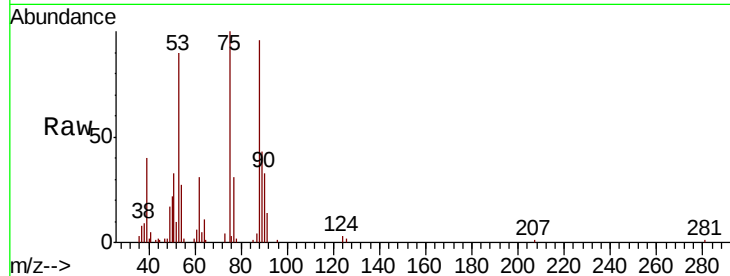
Tot Ion: 75 Resp: 41470

Ion Ratio Lower Upper

75 100

53 90.5 73.0 109.4

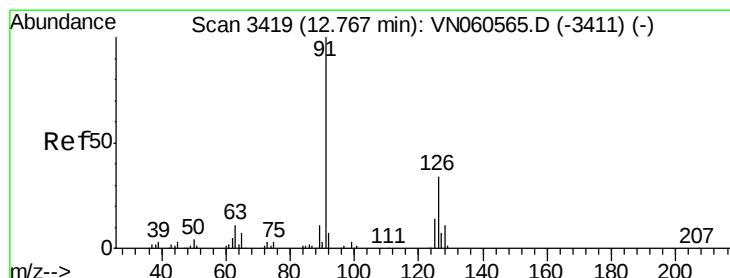
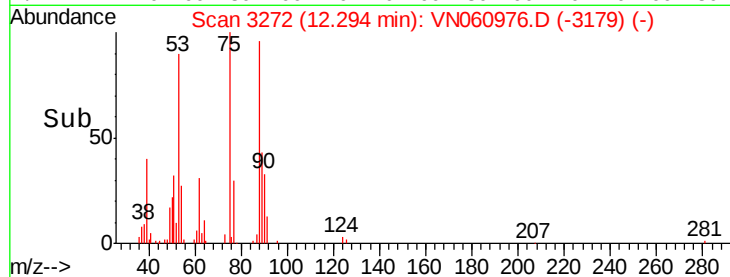
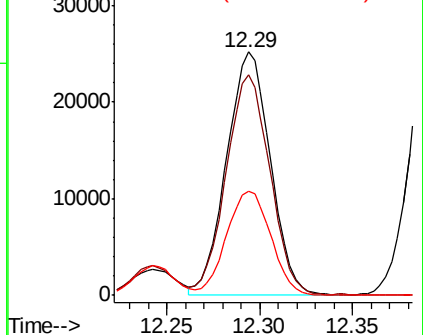
89 43.2 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN060976.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN060976.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN060976.D (-3179) (-)



#82

4-Chlorotoluene

Concen: 47.972 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060976.D

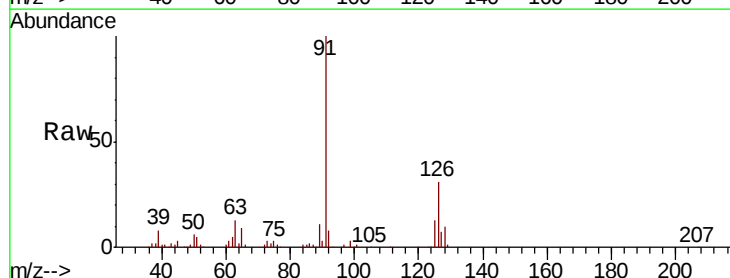
Acq: 15 Apr 2020 20:46

Tgt Ion: 91 Resp: 269709

Ion Ratio Lower Upper

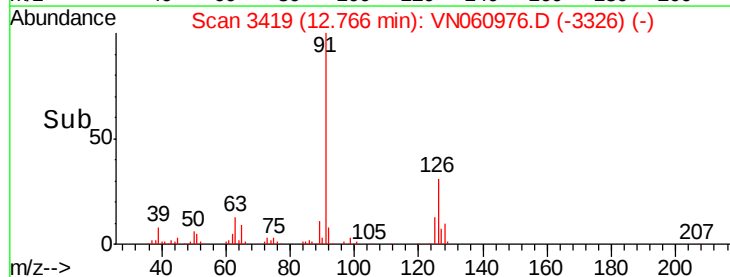
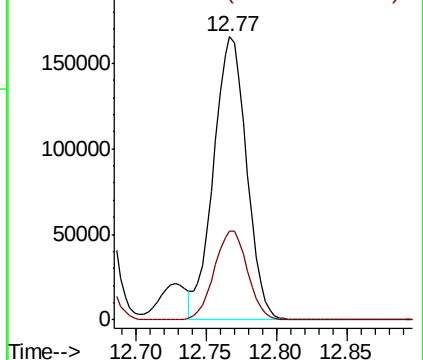
91 100

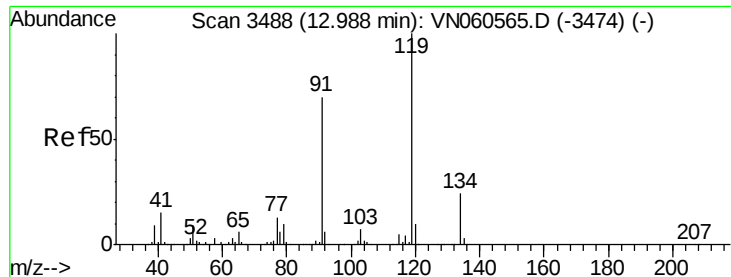
126 31.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN060976.D (-3326) (-)

Ion 125.90 (125.60 to 126.60): VN060976.D (-3326) (-)





#83

tert-Butylbenzene

Concen: 48.079 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampled :

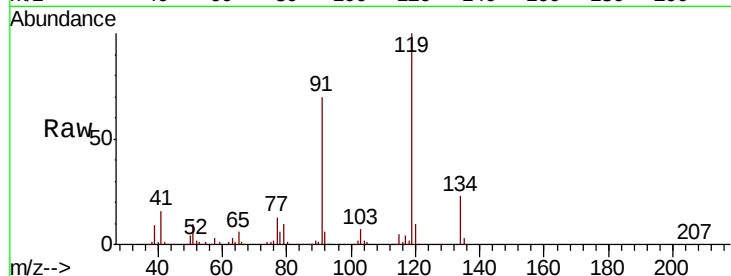
Tot Ion:119 Resp: 264496

Ion Ratio Lower Upper

119 100

91 68.6 34.0 101.8

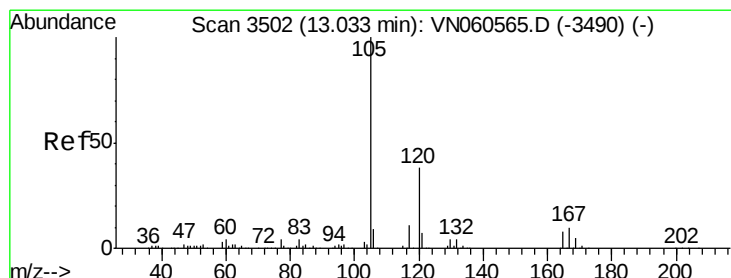
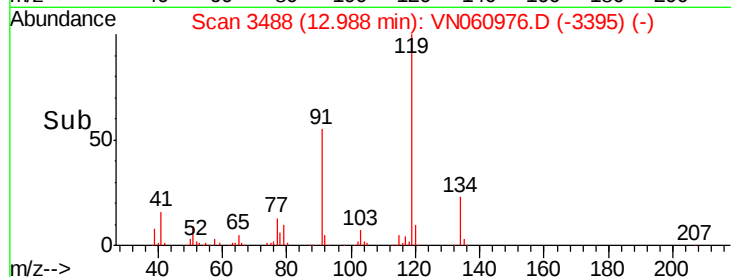
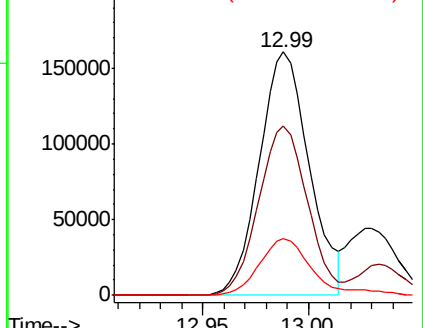
134 24.9 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.880 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060976.D

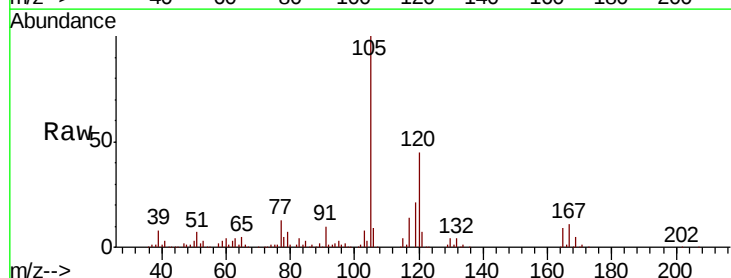
Acq: 15 Apr 2020 20:46

Tgt Ion:105 Resp: 314348

Ion Ratio Lower Upper

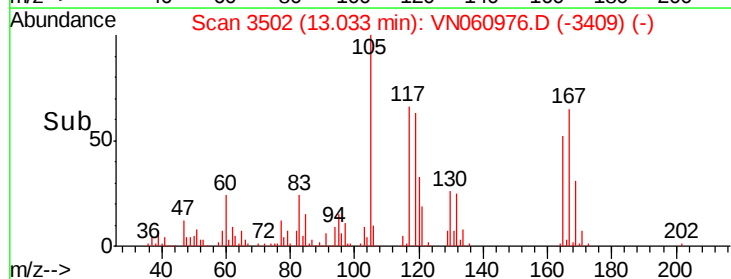
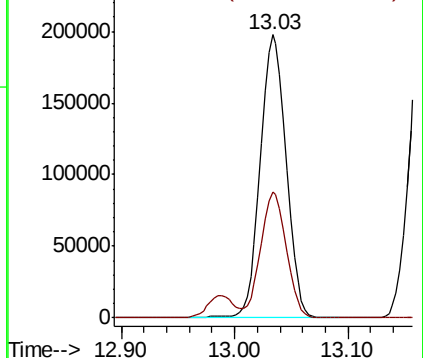
105 100

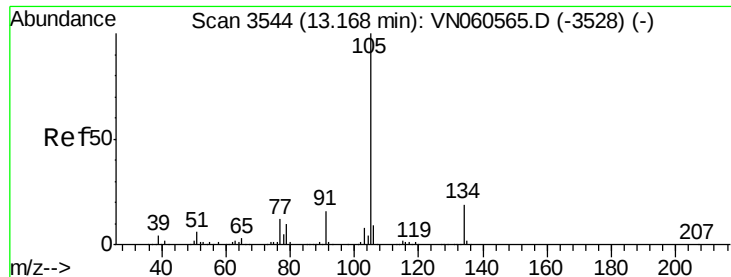
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.965 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

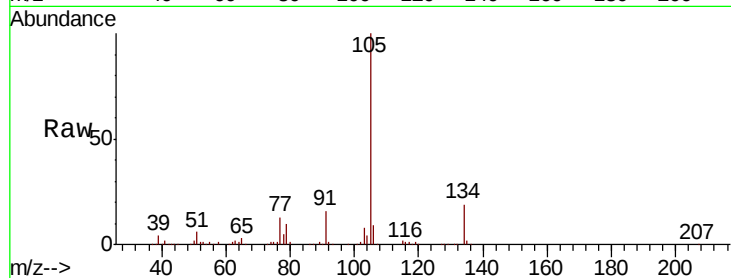
ClientSampled :

Tot Ion:105 Resp: 362226

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

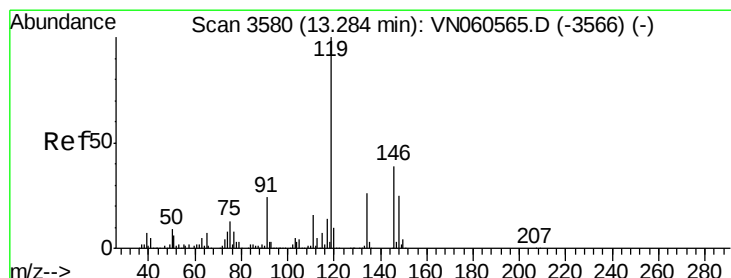
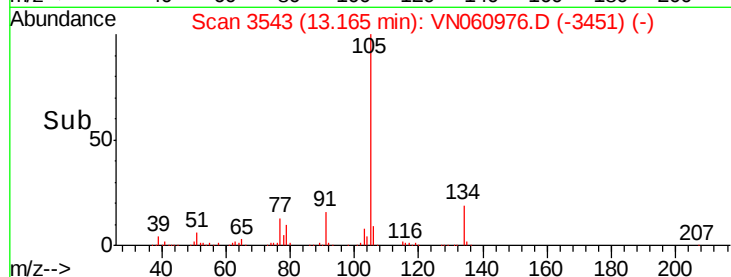
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 48.023 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

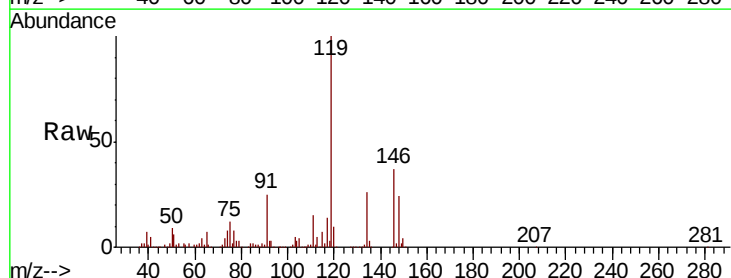
Tgt Ion:119 Resp: 319454

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

91 24.7 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

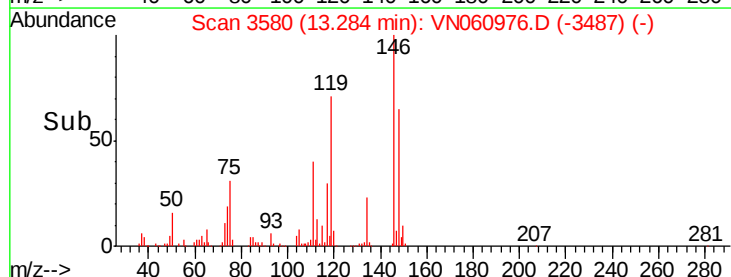
100000

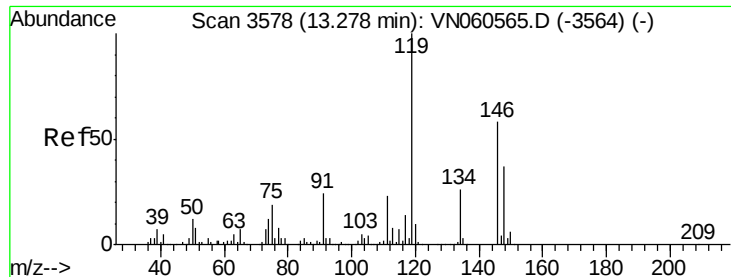
50000

0

13.20 13.25 13.30 13.35

Time-->

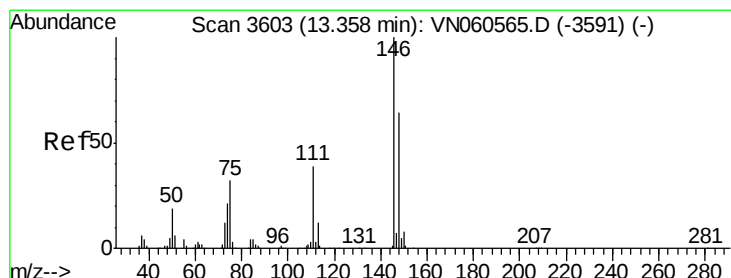
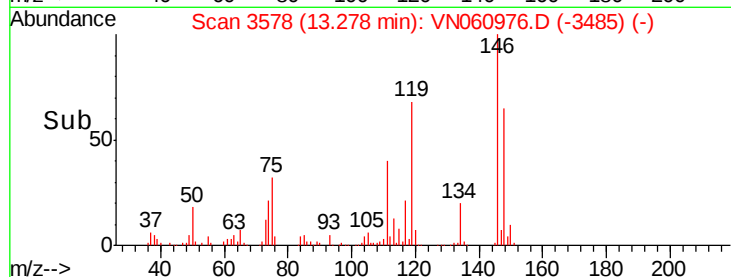
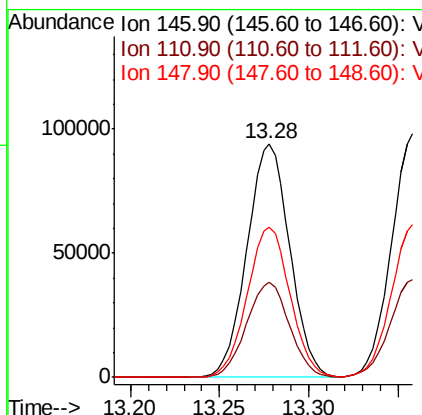
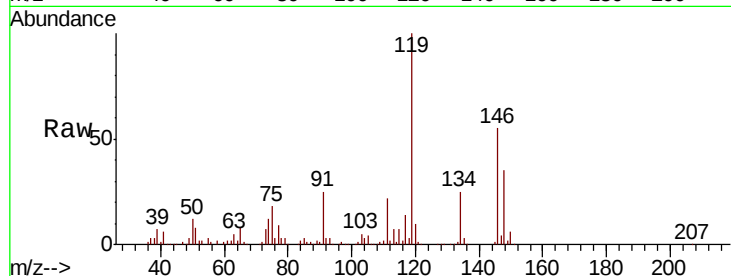




#87
 1,3-Dichlorobenzene
 Concen: 47.416 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

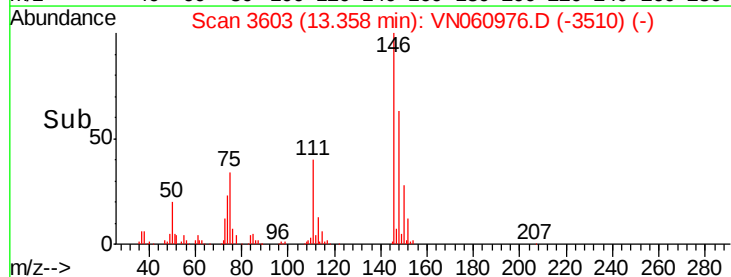
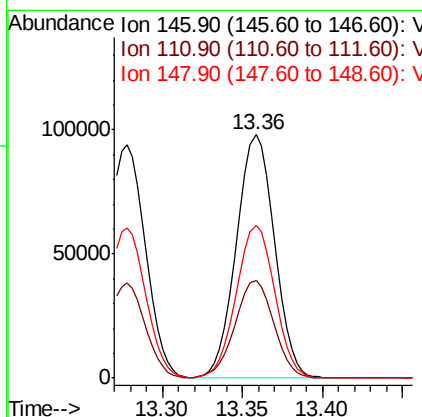
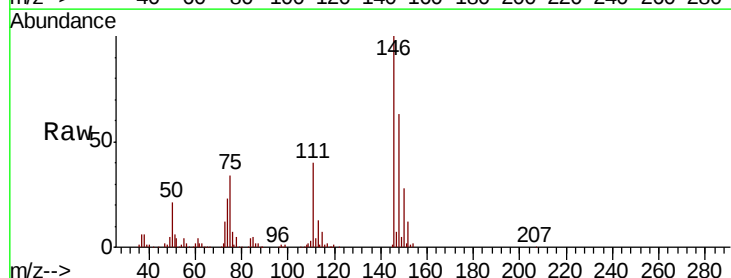
Instrument :
 MSVOA_N
 ClientSampled :

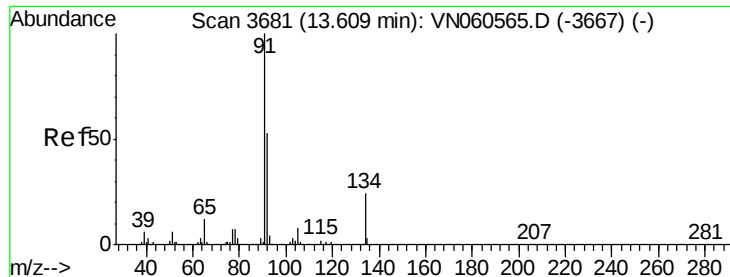
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.8
148	64.5	32.5	97.4



#88
 1,4-Dichlorobenzene
 Concen: 47.822 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.7
148	63.3	32.1	96.3

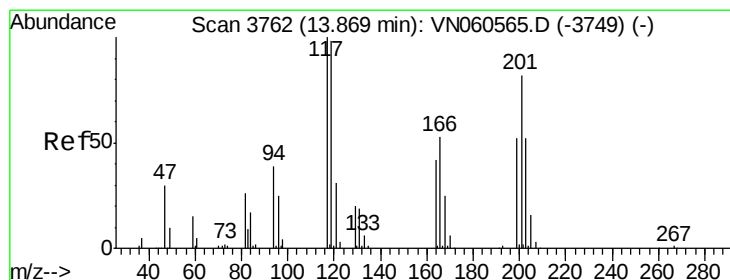
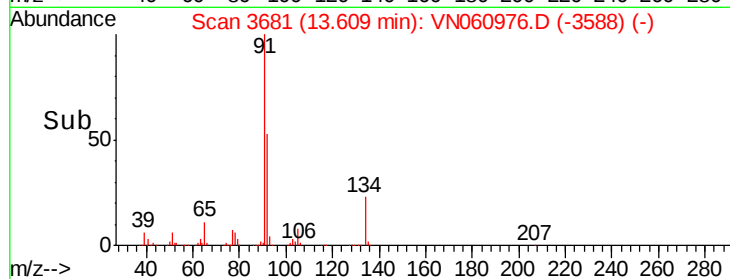
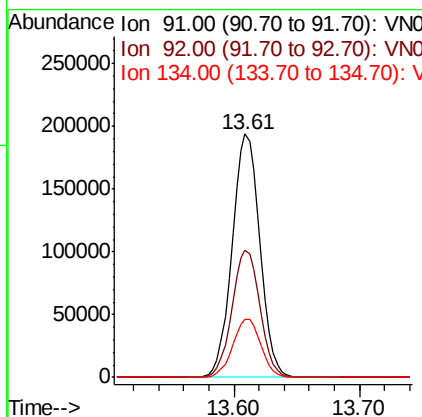
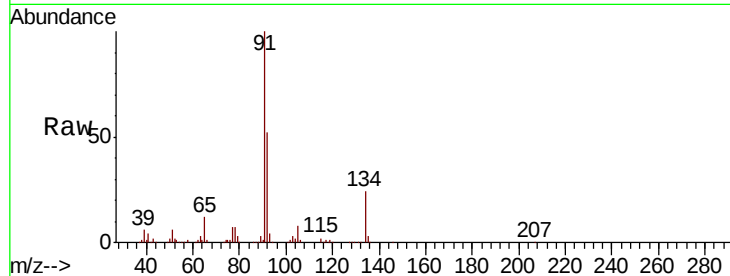




#89
n-Butylbenzene
Concen: 49.374 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

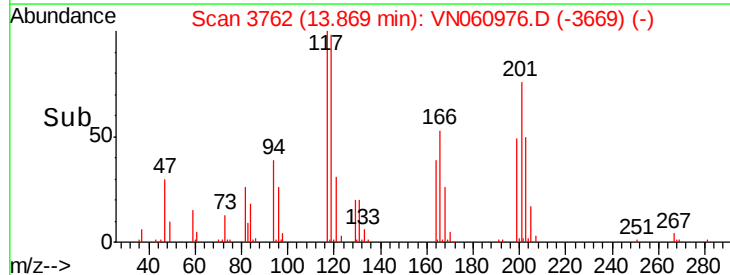
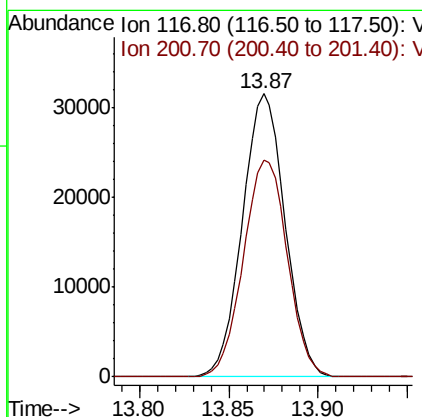
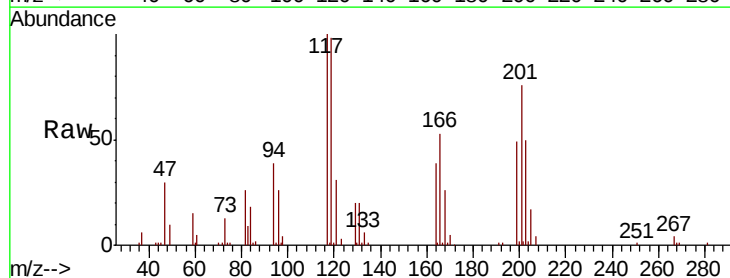
Instrument :
MSVOA_N
ClientSampled :

Tot Ion	91	Resp	296537
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.2	78.5
134	24.2	12.3	36.9



#90
Hexachloroethane
Concen: 54.376 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion	117	Resp	52578
Ion	Ratio	Lower	Upper
117	100		
201	79.1	40.8	122.5





#91

1,2-Dichlorobenzene

Concen: 48.754 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

Instrument :

MSVOA_N

ClientSampleId :

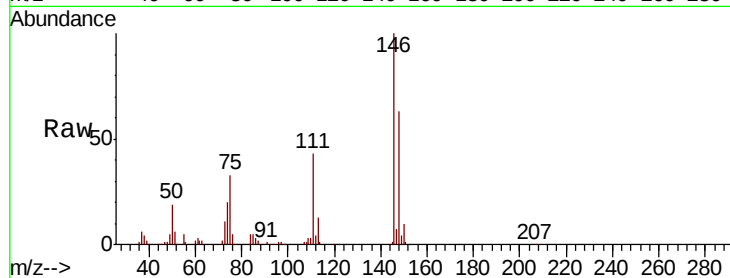
Tot Ion:146 Resp: 154934

Ion Ratio Lower Upper

146 100

111 41.6 21.0 63.0

148 63.5 31.9 95.5

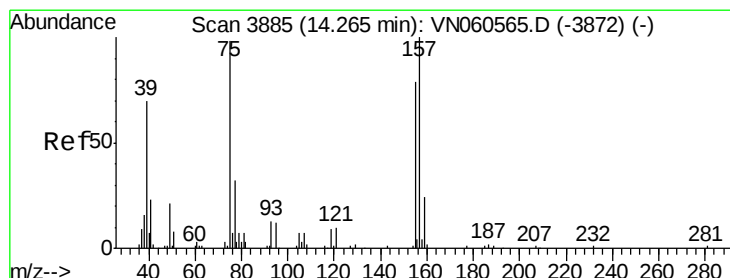
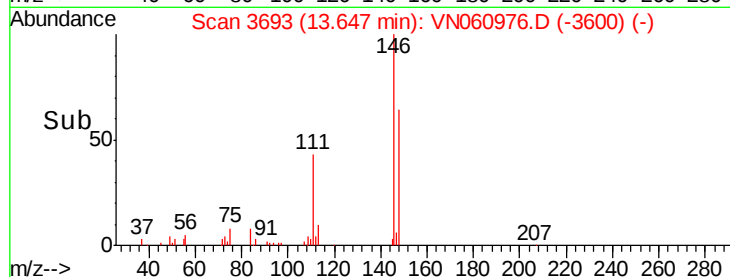
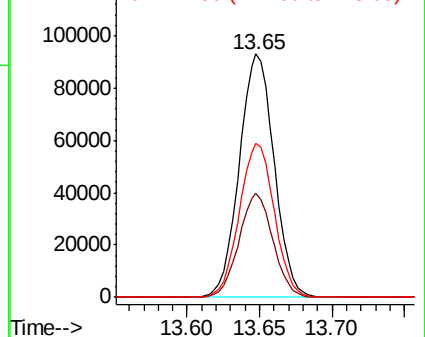


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.703 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060976.D

Acq: 15 Apr 2020 20:46

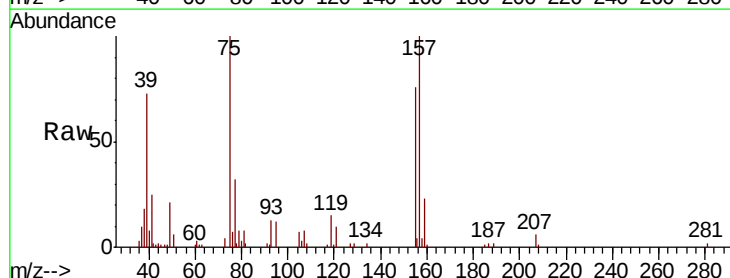
Tgt Ion: 75 Resp: 24620

Ion Ratio Lower Upper

75 100

155 75.9 40.7 122.1

157 97.9 51.5 154.7

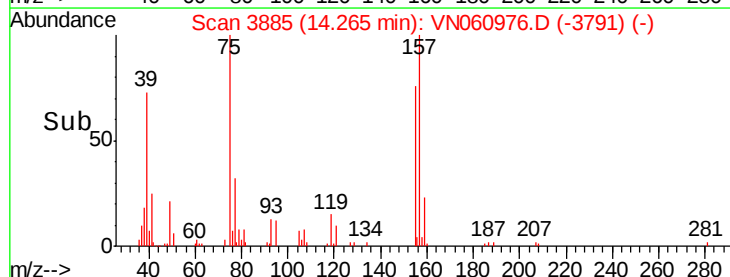
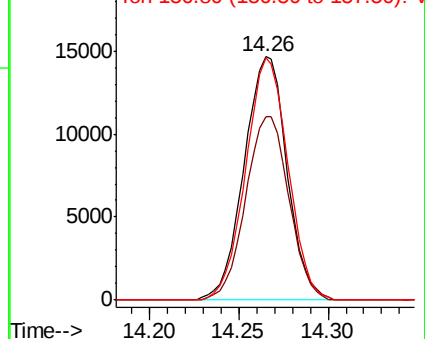


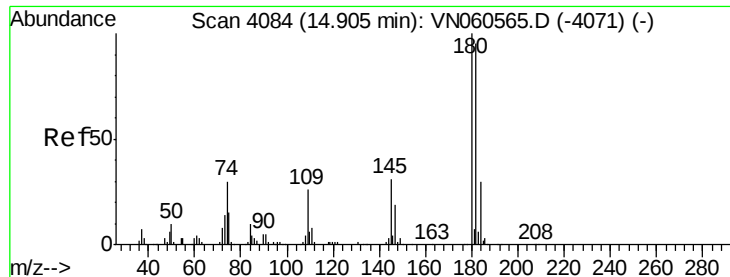
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

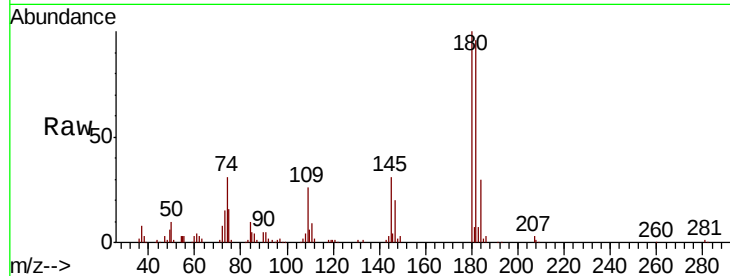




#93
 1,2,4-Trichlorobenzene
 Concen: 49.155 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.8
145	30.4	15.4	46.2

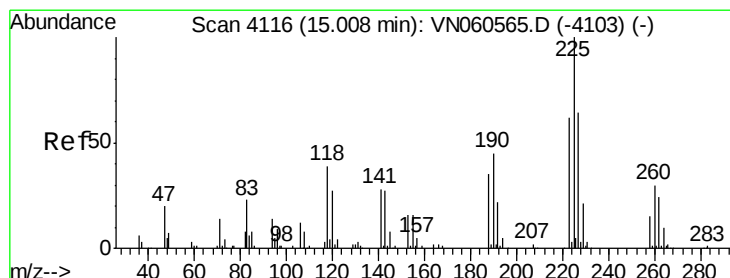
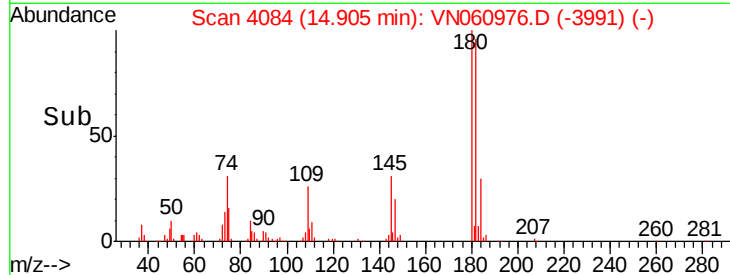
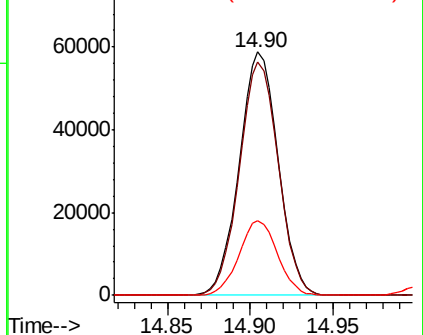


Abundance

Ion 179.80 (179.50 to 180.50): V

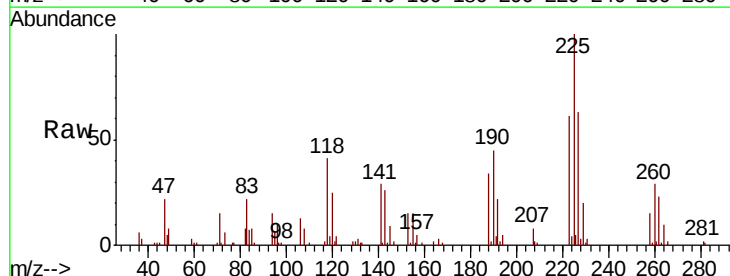
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.247 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060976.D
 Acq: 15 Apr 2020 20:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	95.0
227	63.1	32.3	96.8

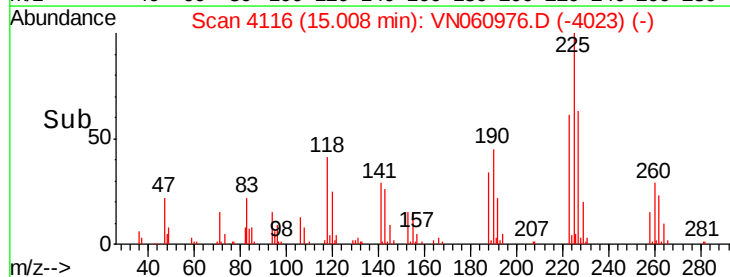
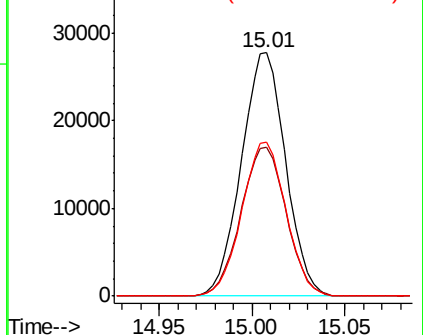


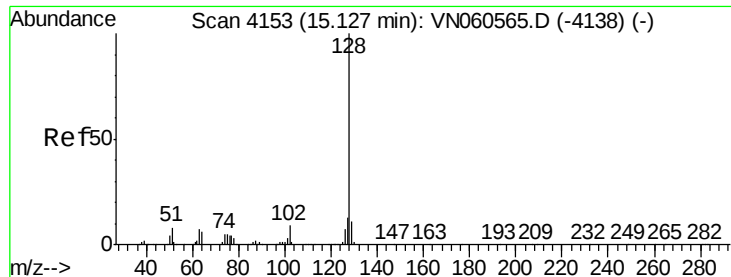
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

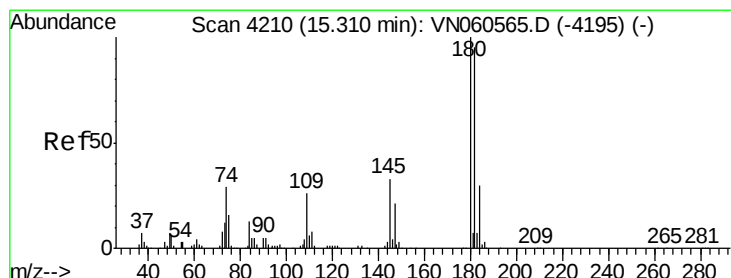
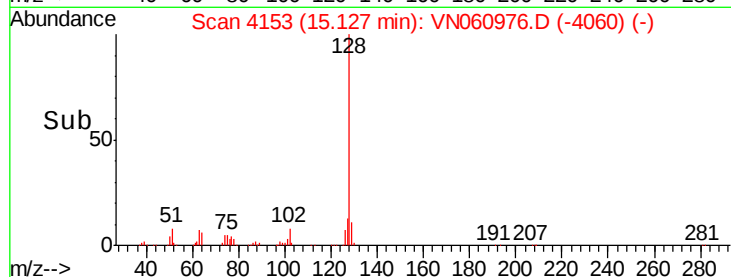
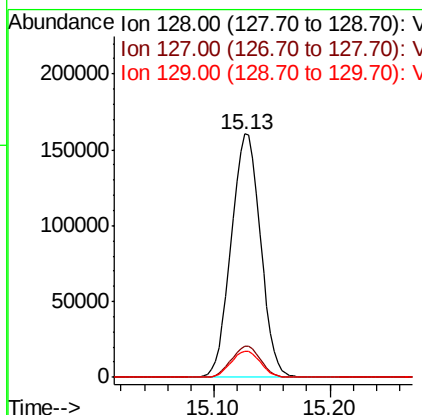
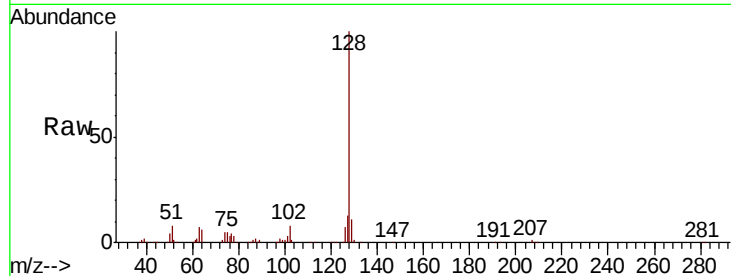




#95
Naphthalene
Concen: 47.639 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.324 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060976.D
Acq: 15 Apr 2020 20:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.5	142.6
145	33.2	16.3	48.8

